614.097142
M76
1911

REPORT

ON THE

SANITARY STATE

OF THE

CITY OF MONTREAL

ALSO

AN ACCOUNT OF THE OPERATIONS OF THE BOARD OF HEALTH AND THE VITAL STATISTICS

FOR THE YEAR 1911

BY

Dr. LOUIS LABERGE

MEDICAL OFFICER OF HEALTH

Dup
U. of
Ohio

THE THE
JUN 29 1943
UNIVERSITY OF ILLINOIS

MONTREAL :

A. P. PIGEON, PRINTER, 105 TO 109 ONTARIO STREET EAST

1912

Digitized by the Internet Archive
in 2014

https://archive.org/details/report1911mont

REPORT

ON THE

SANITARY STATE

With the Compliments of the

MEDICAL OFFICER OF HEALTH

PLEASE EXCHANGE.

MEDICAL OFFICER OF HEALTH

THE LIBRARY OF THE
JUN 29 1943
UNIVERSITY OF ILLINOIS

MONTREAL:
A. P. PIGEON, PRINTER, 105 TO 109 ONTARIO STREET EAST

1912

REPORT

ON THE

SANITARY STATE

OF THE

CITY OF MONTREAL

ALSO

ACCOUNT OF THE OPERATIONS OF THE BOARD OF HEALTH AND THE VITAL STATISTICS

FOR THE YEAR 1911

BY

Dr. LOUIS LABERGE

MEDICAL OFFICER OF HEALTH

THE LIBRARY OF THE
JUN 29 1943
UNIVERSITY OF ILLINOIS

MONTREAL:

A. P. PIGRON, PRINTER, 105 TO 109 ONTARIO STREET EAST

1912

PERSONNEL OF THE BOARD OF HEALTH AND STATISTICS, 1911.

Department of Vital Statistics.

Dr. LOUIS LABERGE, Medical Officer of Health.
J. I. FLYNN, Secretary.
Dr. M. O'B. WARD, Statistician.

Registration of Births and Deaths.

L. P. LAMARRE, THOS. KANE.

Assistant Secretary.

LEO DELONGCHAMP

Department of Sanitary Inspection.

PERSONNEL.

J. E. DORE, Sanitary Engineer.
J. E. DUROCHER, Superintendent of Sanitary Police
J. F. QUINN, Assistant-Superintendent of Sanitary Police.

Clerks.

V. PLAMONDON, notification writer; J. N. PROULX, notification server; J. L. E. TREMPE, recording clerk; N. BOILEAU, clerk of plumbing department.

Plumbing Inspectors.

P. A. CONNOLLY, JACQUES SEVIGNY, J. D. TANSEY, A. DEMERS, J. B. LALONDE, G. P. MARTIN, J. J. CURRIE, J. B. GALIPEAU, ED. ROBINSON.

of issuing office

Sanitary Inspectors.

E. SENECAL, C. LACROIX, J. A. PLANTE, J. L. SPIERS, F. NOLAN, R. VERDON, R. LAUZON, A. CHARTRAND, JOS. ROCHON, JOHN CLEVELY, JOS. MONTY, J.-B. BISAILLON, NAP. COULOMBE, E. PERRAULT, P. LACOMBE, JOS. PREGENT, O. GIROUX, B. DECARY.

Departement of Food Inspection.

PERSONNEL.

Dr. J. J. McCARRY, Superintendent.
Dr. R. G. MAYOTTE, Assistant-Superintendent.
M. T. ST-PIERRE, Secretary.

City Analysts.

Dr. MILTON L. HERSEY, City Analyst.
Dr. H. ST-GEORGES, Bacteriologist.
A. LORTIE, Laboratory Assistant.

Food Inspectors.

Dr J. R. SEGUIN, J. E. EMARD, L. J. E. LEDUC, J. E. PARENT, S. M. BARRE, J. N. T. LABERGE, S. M. TINNING, ALEX. IESPERANCE, ALPH. BAYARD, B. McSHANE, ART. HAMALL, H. MASTERMAN, J. L. NAULT, O. LEGAULT, A. DURANLEAU, L. F. ROBERT, NAP. ROYAL, T. E. GRENIER, J. A. CATELLIER.

Clerk.

A. V. GRAVEL.

Department of Contagious Diseases and the Medical Inspection of Schools and Factories.

PERSONNEL.

Dr. J. E. LABERGE, Chief of the contagious diseases department.
Dr. H. W. COYLE, Medical Examiner for contagious diseases.
Dr. EDMOND LAVIGNE, Secretary.

Medical Inspectors of Schools.

J. A. RANGER, J. E. GAGNE, CHS. GUILBAULT, J. G. BROWNE, L. P. DeGRANDPRE, O. H. RICHER, J. E. BIBAUD, A. K. MALOUF, M. HANSFORD, B. A. CONROY, ALEX. BOURDEAU, J. A. COUSINEAU, ALF. DAUTH, L. A. LACOMBE, J. E. LESAGE, ROD. GAGNE, J. A. WILLIAMS, GEO. GELLATLY, Dr J. A. ROULEAU, Health Officre for Laurier Ward; Misses JANE EDITH SEXTON, LIZZIE MURRAY and Madam MARIER, Nurses; P. G. MOUNT, Optician.

Clerks.

O. BLONDIN, NAP. SEGUIN, Z. GAGNIER, L. MADORE.

Inspectors and Disinfectors.

J. A. COTE, Inspector of infected houses.
J. J. VANDANDAIGUE, Disinfector.
O. SEGUIN, Disinfector.
H. LEMAY, Disinfector.
M. D. BOURDON, Disinfector.
E. H. BRISEBOIS, Disinfector.
M. MIREAULT, Tuberculosis Inspector.
D. DUROCHER, Guardian of Civic Hospital.
F. GAGNON, Guardian of the Reception House.

REPORT

ON THE

SANITARY STATE

OF THE

CITY OF MONTREAL

FOR THE YEAR 1911

To the President and Members of the Board of Control

Gentlemen :—

I have the honor of presenting to you the annual report of the sanitary condition of the City and of the work done by the Board of Health, as well as the Vital Statistics for the year 1911.

Sanitary inspection of dwellings.

From the year 1895 to last year the sanitary inspection of dwellings was done by 17 inspectors under the control of a special superintendent whose duty it was to visit every house, yard and dependency at least once a year, if possible. He had, moreover, to attend to all complaints with a view to their removal as well as to appear before the Recorder in cases taken to his court by the department. Two other agents were appointed to test private plumbing and drains by means of peppermint oil or smoke for the purpose of discovering any de-

fects and to sanction all repairs. Only one inspector and a sub-chief have been added to the personnel this year to attend to this work although the city has trebbled in area and doubled in population. Notwithstanding this increase, which is out of all proportion to the work to be done, it will be of interest to draw attention to the work accomplished by this section of the department during the last two years.

In 1910, 111 and in 1911, 672 privy-pits were abolished by order of the Board or 571 done away with altogether. 4,090 water-closets were repaired as against 3,329 in 1910. In 1910, 154 stables were repaired and in 1911, 178. 97 private lanes were cleaned in 1910 and 110 in 1911. By resolution of the Board of Control these employees made a count of all the privy-pits within the city limits with the names and addresses of the proprietors, a work which took three months away from their regular duties. At that date there were 2,939 of these pits within the city.

A great many lots and low lands were filled with stagnant water, especially in Laurier and Hochelaga wards and had to be sanitized by the department. These unfenced waste lands, and they are many, were a great source of trouble through their being used by the public as dumping grounds for all sorts of filth and rubbish and were in consequence a menace to health.

I find a very appreciable improvement in the general condition of the city, the public seeming to be more amenable to the laws of hygiene, but there remains much to be done and the zeal of the inspectors must not be allowed to flag.

Food Inspection.

Milk inspectors. — 5,390 samples of milk were taken by the inspectors during 1911. Tests of these samples for fatty

matters made with the Quevene lactodensimetre and Babcock's centrefugal apparatus, showed a slight decrease in their respective annual means as compared with the same tests made in 1910. The number of visits made to groceries was much under those of 1910, but on the other hand the number of milk inspections was nearly doubled. One fact worth noting is the great decrease (3,400) in the number of cows kept within the city limits and, in consequence, a lesser number of inspections of these animals. Although many more milk cans were examined than in the previous year, many less were seized and conficated, showing that more care in the making and cleaning of these utensils.

Inspection of dairies and farms. — The total number of farms visited this year was 2,191, as against 1,259 in 1910. 26,150 cows were examined, as against 20,666 in the previous year, an increase of 5,484. The number of general inspections was 3,145.

Improvements. — The construction, equipment and keeping of stables and cows during the winter was much improved from the point of view of cleanliness. 43 new stables were built, 83 repaired and 455 white-washed, only 382 were white-washed in 1910. Cement floors were laid down in 117 stables; 97 new dairies were constructed and 48 were repaired; 172 milk shippers were interdicted; 239 inspections were made at railway stations. The inspectors seized 193 cans, returned 337 others seized for improper cleaning, and took out 32 actions in the Recorder's Court, obtaining convictions in 30. 172 milk shippers provided themselves with ice this year for the first time.

Temperature of milk arriving in the City. — 1,788 temperature tests of milk taken at the railway stations in 1911 showed the same temperature as in 1910, namely, 66 degrees Fah. In this respect no change has taken place, the methods by which milk is chilled being defective.

Bread inspection. — The number of permits issued for the construction of new bakeries this year was 14. The decrease in the number of inspections of bread-wagons and inspections in general was offset by the increase in the inspections made in restaurants and bread depots.

Meat inspection. — 47,066 visits were made by the meat inspectors to the markets, butcher's stalls, salteries and wholesale houses as well as to railway stations. 70,231 pounds of different kinds of meat (beef, veal, mutton, pork, kidneys and liver) were confiscated.

Inspection of abattoirs. — The meat inspectors supervised the slaughtering of 450,880 animals in general, of which 122,684 were hogs, the rest calves, beeves, and sheep. They confiscated 467 beeves, 2,865 calves, 249 sheep and 407 hogs. Moreover, they confiscated 237,221 pounds of bruised or feverish meat. These figures show an increase of 132,609 head of cattle slaughtered over last year and 93,921 pounds more of meat confiscated.

Contagious diseases department and the medical inspection of schools and public establishments.

Schools. — Two new medical inspectors were appointed this year making 19 in all. These inspectors had 204 schools to visit, 4 more than last year. 12% of the schools in 1910

were badly ventilated, while only 3% in 1911, a marked improvement. They made 175,847 physical examinations of pupils in 1910, and 31,331 more in 1911. The proportion of sick children or those having some physical defects was 32.3% in 1911, while in 1910 these amounted to 46.6%. There was a change for the better, also, in the school fixtures. In 1910, 13% of these were not adaptable, this year only 5% were so considered. Overcrowding in schools is decreasing likewise, out of 200 in 1910, 77 were overcrowded while out of 204 in 1911, 76 were in this condition.

Factories. — The medical inspectors visited 163 factories more than in 1910 and vaccinated 1,691 persons, an increase of 453 over the number so vaccinated in 1910. To perform these vaccinations it was necessary to find out the unvaccinated employees which necessitated 61,995 visits, against 44,180 such visits in 1910. The slight increase in the personnel of the department was very much needed as so many more visits and examinations resulted.

Contagious diseases. — The number of contagious diseases was much less in 1911 than in the previous year, 7,114 compared to 8,749. The proportion of deaths to the number of cases reported was: for tuberculosis, 62.85% in 1911, against 67.33% in 1910. There were 41 cases of diphtheria and 425 cases of typhoid fever less than in 1910; 110 more cases of tuberculosis were reported, which tends to prove that better care is taken in reporting this disease and every possible means should be taken to encourage this practice. The department placarded 731 houses, an increase of 166 over 1910; 3,320 disinfections were made against 3,299 in 1910. 3,570 more hygienic sputum-cups were distributed this year

than last, and 4,772 visits to the homes of the sick were made. 19,871 vaccinations were performed, against 7,522 in 1910 and 19,395 in 1909.

Quarantine. — A most important measure and one which should be most strictly enforced is the controlling by home quarantine of persons suffering from contagious diseases. The agent appointed to visit such persons should not be employed at any other work. He should see to it that quarantine conditions or regulations are scrupulously carried out and that those so isolated do not come in contact with outsiders. When required he should take all the means judged necessary by the department to prevent danger from contagion and assure himself that the laws of hygiene are strictly adhered to.

Vital Statistics.

The censuses of Montreal taken at different periods are as follows:—

1911,	population	470,480;	increase	over	that of	1901,	202,730
1901,	"	267,730;	"	"	"	1891,	48,114
1891,	"	219,616;	"	"	"	1881,	64,368
1881,	"	115,238;	"	"	"	1871,	45,238
1871,	"	115,000;	"	"	"	1861,	238

The disparity in the decennal increases between the last censuses as shown by the above table goes to prove once more the necessity of having these censuses taken at shorter intervals, at least every five years, and they would be useful in giving us our population by wards, the Government censuses enumerating only the population by electoral divisions. It is for this reason we have abstained from giving the population

of the various City wards this year as we have done hitherto, with our ever increasing immigration this could not be done even approximately. An enumeration such as we want could be easily done by our different inspectors, valuators and other civic employees who possess a perfect knowledge of their different districts and are in constant touch with the various populations. We could, if this were done, obtain information of the greatest value for our statistics, such as the population of the various wards by nationalities, civil status and, as far as possible by ages, especially of women from 15 to 45 years. This latter knowledge would enable us to answer in a satisfactory manner the questions sent to us every year by the Registrar-General of England, who requires this information for statistical purposes.

I cannot insist too much on the importance of the remarks of our Statistician on statistics in general, especially on the mortality, natality and nuptiality in our City. These tables show us that the first is diminishing (1.01 per 1000 less than last year), while the two others are increasing, being respectively 1.38 per 1000 and 1.19 per 1000 over last year's figures. The deaths of children under 1 year as compared to births for the period between 1885 and 1910, give us a mean annual rate of 258.20 per 1000, an appaling figure if we compare it to the same rate in Scandinavian countries where it is only 100 per 1000.

Our birth-rate is 2.39 per 1000 over our death-rate.

Typhoid fever is on the decrease. In 1909, 212 deaths took place, the greatest number in one year since 1876. In 1910, there were 192 deaths this year 124. As I have stated elsewhere, this decrease is due to the better quality of the water after being chemically treated.

Tuberculosis in all its forms caused 912 deaths in 1911, or 0.14 per cent of the total deaths, this is a decrease of 0.30 per cent under 1910. Diphtheria also decreased by 45 deaths.

The mortality from diarrhaeal diseases (in all forms and at all ages) increased during 1911, 2,430 deaths having been caused by it, or 24.36 per cent of the total deaths. Cancers and diabetes have caused more deaths this year than last the increase being 17 and 25 respectively. The number of still-born children is constantly increasing, 758 this year against 500 last. I would draw attention on this subject to the remarks on infantile mortality in this report and all possible efforts should be made to lessen it.

Infant Mortality.

Extract of a report submitted to the Board of Health, by request concerning the means to be adopted to reduce infantile mortality. This report was divided into "Permanent and Provisional" organizations of which the principal recommendations were as follows:

Provisional Organization. — (Admitting of being applied this year.)

After consultations with several authorities on pediatrics such as Dr. Sévérin Lachapelle, of the Medical Faculty of Laval and one of the organizers of "La Goutte de Lait" (parish of l'Enfant Jesus), Dr. Blackadder, of the Medical Faculty of McGill; Dr. Elzéar Pelletier, secretary of the Provincial Board of Health, ond other medical men on the question of founding a permanent organization for teaching mothers the care to be given to babies with a view to reducing mortality among them, it was unanimously acknowledged that

such an organization was impracticable this year. The only measures to be taken for the present were the founding of more numerous "Gouttes de Lait" establishments on the same principle as those already existing, namely, "The Montreal Foundling Hospital," "l'Enfant Jésus" and the "St. Justine Hospital," whose work has given good results; the donating of a sum of at least $500 to each of these local stations to pay rents, salaries of nurses, milk, bottles, etc., for a period of four months, presumably from June 1st to October 1st. The great difficulty was in deciding on the proper localities for these stations and the number required to meet the demands of the poorer population the number of whom is at present merely conjectural. The only way to settle this point was to take the total number of deaths from diarrhaeal complaints in each ward and to install "Gouttes de Lait" stations in those wards where such deaths were the most numerous.

The three stations already in existence received the following sums:—

1.—The Montreal Foundling and Baby Hospital, 43 Argyle Avenue, St. Andrew ward	$ 500.00
2.—L'Enfant Jesus' Dispensary, Laurier ward . .	1,000.00
3.—St. Justine Hospital, 1107 DeLorimier Avenue, DeLorimier ward	1,000.00

The twelve proposed "Gouttes de Lait" stations:

1.—St. Justine Hospital, 773a Lagauchetière Street East, near Plessis, in Papineau ward	500.00
2.—St. Jean-Baptiste Parish, Rachel and Sanguinet Streets, St. Jean-Baptiste ward	500.00
3.—St. Joseph's Parish, Richmond Street, St. Joseph ward	500.00

The following localities are especially recommended for those wards where infant mortality is the highest:—

4.—St. Denis ward, corner Beaubien and St. Denis	500.00
5.—St. Henry ward, at the old City Hall	500.00
6.—St. Cunegonde ward	500.00
7.—St. Lawrence ward, 161 Dorchester west, near St. George Street	500.00
8.—Hochelaga ward	500.00
9.—St. Mary ward	500.00
10.—Duvernay ward.	500.00
11.—St. Gabriel ward	500.00
12.—St. James ward	500.00
	$6,000.00

I would recommend that the City Council appropriate the sum of $6,000.00 to cover the cost of these twelve "Gouttes de Lait" stations. At the same time, I would suggest that a contract be passed by virtue of which those in charge of these establishments be submitted to and act in conformity with a Medical Bureau composed of the Medical Health Officer and some specialists in puericulture, this would give a moral support to the establishments and make them more popular with people of all nationalities.

After advising with Drs. Blackadder and Lachapelle, we adopted the necessary measures to be put into force during this season. These gentlemen have generously consented, in the interest of public health, to act as directors of this movement during the present year. I would, therefore, respectfully recommend that the services so graciously offered by these

men be accepted and that they be named as members of the Board of Directors, thus officially recognizing their authority. Their assistance as specialists in puericulture will be of great value in arranging the details of a permanent organization. As these gentlemen are present, I would ask them to give their views on this important subject as they can do so much better than I can.

Dr. Lachapelle gave it as his opinion that only nurses specially trained in puericulture should be employed in instructing mothers in the care of their new born infants. Six months would be ample to train these nurses sufficiently for this work. At present in the "Gouttes de Lait" station of l'Enfant Jésus parish, mothers were being instructed in these matters by some ladies who, despite their devotion and good will, possessed no knowledge of puericulture.

Permanent Organizations. — To educate mothers so that they may be enabled to prevent such accidents as are likely to occur during gestation; to advise them of the best means to increase the flow of milk for the nourishment of their babies. All specialists in pediatrics are aware that ignorance on the part of mothers in the matter of hygiene and the care of the newly born is the chief cause of infantile mortality and still-births. Speaking practically, the care taken by mothers of themselves and of their babies should not be left entirely to their own maternal instincts and love, rather should they trust to scientific and experienced advice. This part of modern education, or puericulture has been very much neglected up to the present. If such education were more general, it is presumable that the most important duty of mothers in regard to their own health and that of their children would not be so

often neglected for the sake of fashion or the habits of modern society. Feeding babies at the maternal breast is insisted on by all competent authorities both from a scientific and a moral standpoint. The new born infant has an absolute right to the natural milk of its mother and it is her duty to nourish her child at her breast, it is the only way to activate the secretion of milk and to insure her baby's life.

How is such an education to be given? By lectures, discussions or conferences, by circulars, pamphlets or the public press; by lessons in schools and especially by teaching puericulture more extensively in medical faculties; by schools for mothers, by exhibitions, by free medical consultations in dispensaries and above all by house to house visits to young mothers by competent nurses acting under the direction of a medical council. The help of all who possess a certain authority in society such as clergymen, doctors, public educationalists and philanthropists, would be of great assistance. Once public confidence gained, the physician would not be sent for so often at the last stage of a disease, but rather at its inception.

Food. — Pure milk sterilized or pasteurized. In cases where mothers, on the advice of medical men, cannot nurse their infants themselves and when no wet-nurse is procurable, recourse should be had to the "Gouttes de Lait" dispensaries. For the past few years the parish of l'Enfant Jésus, the St. Justine and the Montreal Foundling and Baby hospitals have had great success with their "Gouttes de Lait" establishments and for this reason parishes or local depots which can furnish pure milk should receive the greatest encouragement. Trained nurses should visit the homes of newly born babies also and

give all the advice possible to parents, teaching them the special precautions to be taken in cases of illness. These children should be taken to the dispensaries for medical examination at least once a week.

I am informed that the milk used at these "Gouttes de Lait" establishments is prepared in two ways: 1st. Homogenized milk furnished by the St. Lawrence Dairy. Homogenization is a process which consists in passing cow's milk between two agate stones whereby the globules are broken up and reduced in size, thus making an emulsion which is easily digested by infants as these globules are more proportionate in size to those of mother's milk. 2nd. Milk obtained from local dealers. These two kinds of milk are graduated in three proportions: ½ water, 1/3 water and pure milk, delivered after sterilization. Oatmeal or barley gruel is provided where the physician in attendance finds milk injurious.

Houses where infants live should be inspected carefully and in detail, any condition found prejudicial to health should be reported at once to the Board of Health. When houses are overcrowded the children should be recommended to the "Fresh Air Fund" organization or to the "King's Daughters" creche at Mount Royal Park.

Means to be employed to carry out the above programme in a practical way:

(a) Allot a few thousand dollars to enable newly born children to be watched and looked after, whether these children be of rich or poor parents, class delimitation being impossible.

(b) Pay a fee to physicians, etc., for properly reporting births. It would be well, also, if possible, that women about

to be confined could be visited and advised on their condition. The old Roman law, in view of the scarcity of physicians, compelled all persons about to be married to possess a certain knowledge of obstetrics, I know of no reason why a like knowledge should not be required to-day of future husbands, it would tend very much to safeguard the lives of the newly born.

(c) Pass a law prohibiting the sale of narcotic syrups and long tubed nursing bottles.

(d) Induce municipalities to refrain from cutting off the water supply from poor families for the non-payment of taxes.

(e) Encourage the sale of pure milk by granting a special licence for the sale of milk to be used for infants, as recommended by Dr. Elzéar Pelletier. District physicians have no time to inspect houses or superintend the feeding of children, this work should be done by special employees.

(f) Competent trained nurses, the number to be determined later on, should be affiliated to the "Gouttes de Lait" for these visits. A person on reporting a birth should be given a circular or pamphlet explaining the manner of feeding and caring for the new born. The nurses could do this work and make these instructions plainer by verbal explanation.

(g) If the "Gouttes de Lait" system was carried out and nurses employed, an advisory Board of expert physicians would be named to work out details, rules, etc., and act as consultants.

(h) A general plan could be adopted and estimates prepared to aid private effort engaged in this work the same as is done in New York, Philadelphia, Boston and other cities. I would call your attention to what has already been done in New York. "The Association for the betterment of the poorer

classes" which has existed for 66 years, was followed soon after by the establishment of the "Municipal Bureau of Studies", a philanthropic society which was founded for the purpose of helping in the adoption of such sanitary laws it considered necessary and seeing that these laws, when passed, be put in practice. It was through the influence of this Board that the daily birth report was obtained from the Department of Statistics for the purpose of watching over these children, one of the best means of combatting infantile mortality. In order to facilitate its work, the association formed itself into three sections:

1st. The milk committee of New York.

2nd. A section appointed to visit homes of women recently confined and their infants.

3rd. A section appointed to look after women about to be confined.

The success of this association is beyond all doubt as is proved by the fact that in a period of 10 years infantile mortality fell from 244 per thousand to 144, nearly 100 per thousand. During a period of 25 years, the proportion of deaths of children in this city, under 1 year to the births, was 253.89 per 1000, one of the highest in North America. On the other hand, our birth-rate, as shown by our last report, was 37.15 per 1000, which is also one of the highest on the continent. If philanthropic societies interested in the welfare of children and helped by the City, obtained the same success here as in New York, out of the 14,678 children born as shown by our last report (a number not absolutely complete), we could be able to save at least 1,400.

Birth-rate.

This year 12,273 births were reported to the Board of Health by physicians, midwives or parents. While this was the greatest number reported in one year since the coming into force of by-law 315 ordering such declarations to be made, it must be admitted that no progress in this regard has been made if we compare these declarations with the birth registrations deposed at the Tutelle Office of the Superior Court as the reported cases are in less proportion than in the last two years:

Year	Reported to Board of Health	Extracts from Tutelle Office	Percentage
1908	9,612	14,605	65.80
1909	10,360	14,678	70.58
1910	11,766	16,616	70.80
1911	12,272	17,637	69.52

Do these 17,637 births taken from the registers deposited in the Tutelle Office of the Superior Court really give us the exact number of births in our city during the current year? We are compelled to answer this question in the negative. Although we have no accurate means of finding out the difference owing to the mixed immigration that has entered our city within the last few years, it necessarily follows that a greater difference must exist since these new arrivals than previously, and that this state of things will go on increasing from year to year. The importance, from a hygienic standpoint of possessing an exact knowledge of our annual birth-rate is patent to every one as such knowledge not only enables our statistician to give us the exact rate of natality, but it helps our department to control child vaccination more effectually.

The work of those interested in the welfare of the young from a hygienic and scientific point of view, such as the school for mothers so happily begun by the association of "La Goutte de Lait" is also interested in the accuracy of these figures for it must not be forgotten that ignorance on the part of the mothers is every where admitted to be the greatest, or at least one of the greatest, causes of our high infantile mortality.

Even admitting that the figures as we get them from the Tutelle Office are correct and that we know the exact number born yearly, this knowledge would be of little or no use to our experts in their house to house visits in the interest of children's welfare or the matter of feeding and looking after the babies, etc., since we have to wait a year before obtaining such figures! The law even extends the required time for the deposit of the various registers in the Tutelle Office to another six weeks which in many cases really means six monhs. For example, the number of children born in the year 1911 can be ascertained only in the month of April or May, 1912! The only sure way to ascretain the number of births and also the number of mothers nursing their children is to have birth certificates with all the necessary details sent directly to the Board of Health within the shortest possible delay. In this way we would know from month to month the exact number of births and our medical staff could at once get into touch with and instruct mothers in the care of very young babies and possibly later on some way may be found to give similar instructions to mothers during the pre-natal period.

In our new sanitary code it is suggested that a payment of 25 cents be made to doctors, midwives or other interested persons for each certificate reported according to the forms distributed gratis by the Board of Health. It is to be hoped

these few remarks will justify the expenses to be incurred by giving this slight premium.

On the best means of destroying flies which are active agents in the propagation of certain infectious diseases.

The most important precaution to be taken both inside and outside the house is above all scrupulous cleanliness where animal or vegetable matter is kept, for such matter in any form liquid or solid, if left exposed, is used by flies both as food and as hatching places for their eggs and larvae. Success in reducing the number of flies depends on this precaution being generally adopted, where there is no dirt or exposed food there will be no flies.

Apart from the careful sweeping and removal of kitchen refuse and particles of food within the house, all openings to it should be screened prior to the first appearance of the flies. If by any accident such flies or other insects should find their way in, pyrethrum should be burned to destroy them or if very numerous the various forms of fly-paper should be used and care taken not to use any food contaminated by them. Outside the houses privy-pits should be stanch and the covers of the seats and the doors should be closely adjusted, the contents should also be covered with earth and sulphate of iron at least once a week. Manure bins should be tightly constructed and provided with close fitting covers and the manure sprinkled with plaster of Paris every time it is opened and then recovered at once. Garbage cans should not be leaky and be tightly covered as well as washed with some cheap disinfectant such as a strong solution of carbolic acid, chloride of lime, permanganate of potash or bichloride of mercury. Servants or others should not be allowed to throw dish water or slops in

the yards or water used in washing the floors or any other kind of soapy water.

The greatest care should be made to prevent children or other persons from committing nuisances in yards, passages, alley-ways or lanes and when such nuisances are committed the occupants, proprietors or tenants should see to their prompt removal. This is an important measure for house flies very quickly load themselves with the dejectae of typhoid or dyssenteric patients, not ill enough to be in hospital or under observation, and carry the germs so taken up into the food, milk, drinks or water ready for use.

Dead animals, bedding, straw, rags, paper stained with blood from fresh meat, candies, decayed fruit or vegetables, dirty bedding from under domestic animals, etc., should be carefully disposed of in receptacles to prevent any fermentation.

Applications of Paris green in the proportion of two ounces to the gallon of water will destroy 99 per cent. of the larvae, one per cent. of crude atoxyl in water is still more efficacious for this purpose.

All candy, confectioners, fruiterers or other shops where food is sold, should use awnings as well as screens which largely decrease the number of flies in such places in hot weather and without this precaution flies will literally swarm on food stuffs exposed for sale.

As to the streets, they should be kept clean and particularly free from manure, they should be watered with some cheap disinfectant or cleaned with a vacuum cleaner, such measures would, I consider, greatly reduce the number of flies. Should any nuisance exist in the neighborhood, the fact should be reported to the Health Department at once.

The danger of rats from a public health standpoint. — Reasons militating in favor of a campaign for their destruction in all cities, especially sea-ports.

The question of dealing with the rat pest is becoming daily of increasing interest especially from the point of view of public health. The destruction caused by this rodent in the matter of food stuffs alone apart from the damage it does to other property, has been demonstrated everywhere, reaching in England, according to such an eminent authority as Sir James Crichton Browne, to an annual sum (certainly not over estimated) of $15,000,000.

I see no reason why in Montreal a proportionate destruction of property is not so destroyed.

The most serious question is the protection of health against the dangers presented by these animals. Their semi-domesticity and their habits of living make them an important agent in the dissemination of infectious diseases.

The reputation of the rat as a carrier of contagion was fully recognised in 1894 by Yersin and Kitasato and they demonstrated scientifically that bubonic plague was due to specific germs causing in man a disease identical with that of the rat and that bubonic plague was primarily a disease of the rat from which it is usually transmitted to man through the medium of the fleas which infest this rodent. The natural habitat of this disease is thought to be in India or China, in fact the whole of Asia.

The wide distribution of the brown, black and other species of the genus rat is especially concerned in the world-wide dissemination of the bubonic plague, but in the pneumonic form, spread since October last in Manchuria, the cause

is known to be due to the "tarbagan," a fur bearing animal which, from the description given of it, is probably allied to the prairie-dog or gopher family.

If we take into consideration our geographical situation and our trade communications in general, Montreal cannot be considered exposed to the plague from the extreme East to the same extent as other ports in the United States on the Atlantic coast where there is direct and constant communication with foreign countries the whole year round, yet in spite of this fact it appears that such cities as New York and Boston have not, so far, taken any special measures against rats.

It is certainly in the interests of public health, whether in view to the prevention of the spread of infection or the fouling and rendering food stuffs unwholesome, that reasonable and practical means or device for the destruction of these vermin be encouraged.

Abattoirs.

Complaints concerning slaughter-houses and the odors spread around the neighborhood by them, especially in summer, continue to pour in to the department. One came from the alderman representing St. Ann's ward about the bad smell emanating from the Western abattoir. The superintendent of the Food Inspection Department sent in a report on this matter in which it was shown that the smell came from that part of the building where tallow was melted and blood, etc., converted into chemical fertilizers (rendering-house). The department notified the managers of the abattoir that these establishments should see that the boilers, etc., should be air tight and that any gases arising from the different operations should be prevented from escaping into the air. The adminis-

tration took all possible means to remedy this inconvenience for this year and are studying out plans for more perfected machinery to be erected during 1912.

Public Vaccination.

Although the number of vaccinations made this year has markedly increased (19,871 in 1911 as against 7,522 in 1910), it is necessary to insist that the power conferred on us by City By-law 324 concerning vaccination be enforced by every possible means. I consider this precaution the most important of all and no one should be permitted to neglect immunizing himself. In order to conform to the circular issued by the Provincial Board of Health demanding the enforcement of compulsory vaccination according to the power conferred by Article 3958 (S. R. P. Q. 1909), the Board of Health, at a meeting held on the 15th of May, 1911, adopted a resolution by which it considered its own by-law sufficient for the purpose.

There is a floating population in this city, however, which is not easy to control in this matter and constitutes a state of things which is not without danger, as parts of this population of workmen come from the lower districts on the river where vaccination is not carried out as it is here. It is necessary, therefore, to have a law passed enforcing vaccination if we don't wish to have always with us a certain proportion of our fellow citizens susceptable of catching the disease.

The following table shows the number of vaccinations made each year from 1896 to 1911 inclusively:

1896	3,151	1904	2,522
1897	(no report)	1905	3,447

1898	1,081	1906	4,217
1899	1,772	1907	4,271
1900	6,990	1908	5,223
1901	36,976	1909	19,395
1902	15,459	1910	7,522
1903	3,336	1911	19,871

The dump on Laurier Avenue, between Christoph Columbus and Breboeuf Streets, and the Fullum Street dump.

The municipal dump on Laurier Avenue is an old stone quarry of about 50 feet in depth by several acres in area. This abandoned quarry was acquired by the city and placed at the disposal of the Incineration Department as a receptacle for garbage collected by its carts from dwellings, etc., while waiting for the construction of new and perfected incinerators as recommended by the Council for the destruction of such matters. This dump collected water from melting snow and rain and the smell from it was so bad that those living in its neighborhood constantly complained of being poisoned thereby. The Board of Health at its meeting of February 11th took the question up and ordered the Medical Health Officer to take the necessary steps to have the nuisance abated as quickly as possible.

While waiting for the completion of the Dufferin Street sewer, about 200 feet distant by means of which the quarry could be drained, a pump was installed and through a six-inch drain the stagnant water was pumped into the Dufferin sewer. The garbage daily deposited there was covered with earth and disinfectants (quick lime and a solution of copperas or sulphate of iron). The edges of the quarry were likewise so covered as fast as the water receded.

To prevent any recurrence of this unsanitary condition the Board of Health was advised to adopt a resolution for the installation of up-to-date incinerators in sufficient numbers and in such a way as to be ready for use in 1912 at the latest. Acting on this advice, the Board of Health at its meeting of May 11th adopted the following resolution:

"That the City Council be requested to take the necessary steps to at once install modern and perfected incinerators for the destruction of all kitchen garbage and domestic rubbish."

In regard to the Fullum Street dump, many complaints have also been received, but its condition is less objectionable though not quite satisfactory from a sanitary standpoint. It contains garbage, but no stagnant water.

Overcrowding of night refuges, slums, etc.

How to ascertain whether night refuges, low class hotels admitting lodgers almost gratuitously and slums of all kinds are overcrowded is a problem not easily solved. Neither Articles 3931 nor 3932 of the Public Health law of the Province of Quebec, nor our Municipal By-laws authorize the night inspection of these places. A law should be passed giving the Board of Health power to have such resorts visited by night as well as by day, if this were done two special inspectors could be appointed for the work and doubtless they would find many places where the law is ignored. This is an important question and deserves consideration as overcrowding and lack of fresh air are fruitful sources of disease and its propagation, especially of tuberculosis. The number of these resorts is diminishing, of the 16 in 1910 there remain but 9 in 1911, these figures must be taken with reserve, however, as, un-

less night visits be allowed, it is almost impossible to ascertain the true number.

Dark rooms.

On May 11th, 1911, the Board of Health, by resolution, inquired from the Law Department what means could be taken to prevent the building of houses containing dark rooms. The Law Department answered on May 20th that a sanitary law was at that moment under consideration before the Board of Control, by which law the occupation of dark rooms was prohibited and specifying under what conditions a room could be considered as "dark". This law would oblige proprietors to post up on the wall of such a room a notice forbidding their use for living purposes, it contains, also, a clause forbidding, as far as it is possible to do so, the building of houses containing these rooms. It is to be hoped that this law will be passed and enforced as soon as possible.

Water and typhoid fever.

Drinking water is considered as the chief agent in the propagation of typhoid fever. On this point we must congratulate ourselves on the quality of the water we use for domestic purposes. Since January 15th, 1910, this water has been treated by hypochlorites of lime to destroy not only typhoid bacteriae, but all other infectious and pathogenic germs and to immunize it as far as possible. This precautionary measure is adopted until such time as the two filters now under construction at a cost of $1,500,000 to the City, are finished which cannot be very long. To this treatment of the water must be credited the decrease in the number of deaths (68 less than last year) from typhoid fever registered this year.

Ice.

The question of the storage and delivery of ice used for domestic purposes is still a difficult one to meet. Year after year we receive requests from ice dealers and certain industrial houses for permission to use ice cut in the Lachine canal or near the river shore on the pretext that this ice shall be used for refrigerating purposes only, and every year these requests are refused. If such permissions were granted the Board of Health would lose all control over the ice supply as it would be impossible to distinguish what ice would be used for refrigeration and what for domestic use. The employment of artificial ice is the only reason that would justify us in granting such permits, on the understanding that this latter kind would be used for domestic purpose while the other would be for cooling, etc.

A law should be passed regulating, on sanitary grounds, the delivery of ice to consumers as it is now distributed in the most objectionable way. It is thrown on the sidewalks and at doors and left exposed to all sorts of dust and impurities, such as the visits of dogs, etc. This should be remedied at once.

Sanitary House Records.

European hygienists, especially those of Brussels and Paris, all admit that a sanitary record of all houses should be kept which they consider as of primary importance in the sanitation of cities in their struggle against unhealthy dwellings, the chief generators of tuberculosis. To reach these dwellings it is necessary to know their location, the degree of danger they present, to keep track of them from day to day,

classify them, repair such as admit of it and condemn those unfit for human habitation. This is the only way to arrive at a correct knowledge of these houses which usually are in small groups, and is the method adopted in Paris (following the plan adopted first in Brussels) since 1893, and is the one which Montreal, by keeping a record of its houses, should also copy.

Dr. Roux, director of the Pasteur Institute, in his preface to the work of Dr. P. Juillerat "Sanitary House Records", Paris, 1906, says: "The writer is justified in putting at the head of his book, 'A necessary institution', as no important city should overlook it if it seriously wishes to become sanitary."

Backed by such eminent authorities as Brouardel, Grancher, Landouzy, Siefried, Roux, Juillerat, and others, I think it my duty to respectfully recommend your Board to initiate a sanitary record of houses, and I have no doubt this request will meet with your approval as well as that of the City Council.

Public drinking fountains.

The metal cups attached to the public fountains in our squares, parks, streets and municipal buildings are the cause of numerous complaints by reason of the danger of contamination they present to those using them. Bacteriological examination of them has revealed quantities of noxious germs of all sorts, tuberculous, diphtheritic and even specific. The kind of cup called "individual" would be recommendable if it were not so expensive, and if we were certain of its destruction when once used. To verify this, however, it would be necessary to station a guardian to watch, otherwise there would always be the risk of their being used a second time.

Last February I sent you a report recommending the adoption of a system of fountain called "Sanitary Bubbling Drinking Fountain". These are both hygienic and cheap and do away with all danger of contamination by obliging the drinker to use a thin stream of water which comes from a tap under the user's control. In the interest of public health it would be well if a trial were made of these fountains at first in the streets and squares, and if found entirely satisfactory, as no doubt they would, to generalize them and supply them to schools, public buildings, commercial and industrial establishments, etc.

Department of Sanitary Inspection

Dr. Louis Laberge,
Medical Officer of Health.

Sir,

I have the honor of presenting to you my report on the public baths service for the year 1911.

The personnel of the baths consists for each of them of two guardians (man and woman), and a furnace-man.

The cost for the maintenance and repairs of these baths, apart from the salaries of the employees and the price of heating, was as folliws:

Lévesque bath	$341.64
Turcot bath	369.80
Papineau bath	321 29
St. Denis bath	171.63
Lapointe-Létourneau bath	205.99
	$1,410.35

The cost of heating the baths was:

Lévesque bath	$962 67
Turcot bath	864 67
Papineau bath	1,306.04
St. Denis bath	1,108.35
Lapointe-Létourneau bath	1,029.14
	$5,170.87

The personnel of the summer baths consists of a male and female guardian to each of them. These baths are open during the four summer months, that is to say from June to about the end of September.

The cost for the maintenance and repairs of these baths, apart from the salaries of the employees, was as follows:

Gallery bath	$37.10
St. Louis bath	44.66
Dagenais-Turner bath	40.26
Hochelaga bath	59.92
St. Helen's Island bath	20.13
	$202.07

The cost of lighting the permanent baths was:

Lévesque bath	$ 93.20
Turcot bath	107.30
Papineau bath	86.90
St. Denis bath	96.00
Lapointe-Létourneau bath	106.25
	$489.65

The cost of lighting the summer baths was:

Gallery bath	$ 8.70
Dagenais-Turner bath	14.45
St. Louis bath	15.30
Hochelaga bath	6.95
St. Helen's Island bath	0.00
	$45.40

The attendance on these public baths is given in the annexed table.

I am pleased to be able to state that only one accident occurred in these establishments during the past summer.

The baths are very popular and are of great benefit to the public, especially in the workingmen's quarters where the homes are not generally provided with such necessaries.

It would be to the interest of public hygiene if the City were provided with more of them.

Respectfully submitted,

J. E. DORE,
City Sanitary Engineer

ATTENDANCE—Permanent baths.

Baths	Months	Men	Women	Children	Total
Lévesque	January ...	2,022	3	1,095	3,120
	February ..	3,275	2	1,296	4,574
	March	5.394	2	2,074	7,470
	April.. ...	8,770	2	4,418	13,190
	May	18,216	25	9,743	27,984
	June	13,092	115	9,447	22,654
	July	12,384	292	15,614	28,290
	August ...	13,179	526	10,880	24,585
	September .	2,339	73	1,056	3,468
	October .. .	1,879	43	732	2,654
	November .	2,599	68	1,056	3,723
	December ..	1,400	24	562	1,986
Total	.....	84,549	1,176	57,973	143,698
Turcot	January ...	711	67	1,096	1,874
	February ..	859	68	1,421	2,338
	March	749	165	1,931	2,815
	April.. ...	4,214	275	4,672	9,161
	May	4,822	400	8,325	13.547
	June	10,136	773	15,993	26,912
	July	14,886	1,453	17,635	32,974
	August ...	6,194	1,628	8,722	16,544
	September .	5,788	811	8,713	15,212
	October .. .	4,391	317	4,914	9,622
	November .	3,484	170	4,874	8,528
	December ..	1,361	182	2,074	3,617
Total	.....	57,605	6 309	80,370	154,284
Papineau	January ...	1,048	137	3,323	4,508
	February ..	1,124	148	3,267	4,539
	March	2,169	195	2,502	4,866
	April.. ...	2,712	192	2,796	5,700
	May	5,987	352	6,029	12,368
	June	7,391	445	6,618	14,454
	July	16,122	830	14,165	31,117
	August ...	14,597	2,645	13,279	30,521
	September .	3,102	436	3,738	7,276
	October .. .	1,604	380	1,647	3,631
	November .	1,203	394	1,063	2,660
	December ..	881	237	1,039	2,157
Total	.....	57,940	6,391	59,466	123,797

ATTENDANCE—Permanent baths—*Continued.*

Baths	Months	Men	Women	Children	Total
St. Denis	January	941	41	679	2,661
	February	1,505	46	452	2,003
	March	1,683	22	1,129	2,834
	April	1 083	24	917	2,024
	May	1,388	48	1,584	3,020
	June	3,640	121	5,226	8,987
	July	7,275	185	8,196	15,656
	August	4,942	329	6,016	11,287
	September	1,992	177	2,479	4,648
	October	1,905	97	2,636	4,638
	November	1,704	80	2,370	4,154
	December	1,655	56	1,558	2,269
Total	.....	29,713	1,226	34,242	64,181
Lapointe-Létourneau	January	1,043	77	1,539	2,659
	February	1,392	125	1,755	3,272
	March	1,953	222	2,861	5,036
	April	3,517	188	4,228	7,933
	May	5,496	236	6,435	12,167
	June	5,985	453	9,842	16,280
	July	8,763	890	12,499	22,152
	August	9,836	1,149	16,835	27,820
	September	2,451	199	3,575	6,225
	October	1,850	210	2,109	4,169
	November	1,542	88	1,182	2,812
	December	1,489	80	1,226	2,795
Total	.....	45,317	3,917	64,082	113,316

RECAPITULATION. — Permanent baths.

Baths	Men	Women	Children	Total
Lévesque	84,549	1,176	57,973	143,698
Turcot	57,595	6,309	80,370	144,274
Papineau	29,713	1,226	34,242	64,181
St. Denis	57,940	6,391	59,466	123,797
Lapointe-Létourneau	45,317	3,917	64,082	113,316
Total	275,114	19,019	295,133	580,266

Summer baths.

Baths	Months	Men	Women	Children	Total
Gallery	June	1,622	555	4,217	6,394
	July	7,910	1,460	18,310	27,680
	August	7,549	1,215	10,535	19,299
	September	599	39	1,680	2,318
Total		17,680	3,269	34,742	55,691
Hochelaga	June	5,990	25	7,590	13,605
	July	13,975	85	16,575	30,635
	August	7,925	275	13,125	21,325
	September	1,985	40	3,030	5,055
Total		29,875	425	40,320	70,620
St. Louis	June	8,938	102	10,375	19,415
	July	15,895	254	15,879	32,028
	August	10,871	263	11,109	22,243
	September	1,573	23	1,741	3,337
Total		37,277	642	39.104	77,023
Dagenais-Turner	June	7,604	1,192	11,110	19,906
	July	12,217	2,079	13,017	27,313
	August	7,672	2,133	8,210	18,015
	September	2,256	240	4,368	6,864
Total		29,749	5,644	36,705	72,098
St. Helen's Island	June	1,364	.....	1,088	2,452
	July	6,893	.....	6,641	13,534
	August	3,599	.....	3,299	6,898
	September	158	.....	105	263
Total		12,014	.....	11,133	23,147

RECAPITULATION. — Summer baths.

Baths	Men	Women	Children	Total
Gallery	17,780	3,269	34,742	55,791
Hochelaga	29,875	425	40,320	70,620
St. Louis	37,277	642	39,104	77,023
Dagenais-Turner	29.749	5,644	36,705	72,098
St. Helen's Island	12,014	.....	11,133	23,147
Total	126,695	9,980	162,004	298,679

J. E. DORE,
City Sanitary Engineer.

New plumbing work, 1911.

Months	Houses	Dwellings	Water-Closets	Waste pipes	Ventilation	Sinks	Soil pipes	Drains	Tested by smoke	Tested by oil of pep-permint
January	96	129	3	1	3	3	3	2	27	3
February	127	212	2	....	....	2	3	2	28	....
March	157	198	2	....	4	2	3	6	18	32
April	125	169	4	1	2	3	5	8	14	22
May	135	213	5	2	1	4	2	4	9	12
June	124	167	3	2	3	5	6	7	29	18
July	118	179	3	2	3	2	5	4	3	24
August	131	173	3	4	5	3	6	2	28	6
September	146	173	4	3	....	....	6	3	32	37
October	132	213	3	....	....	3	5	5	16	29
November	113	164	3	4	2	1	6	7	11	33
December	98	140	1	....	....	....	....	3	....	14
Total	1502	2130	36	19	23	28	50	53	215	230

These inspections were made by sanitary inspectors Jacques Sévigny and John L. Spiers, and required much labor and skill.

This year the Board of Health, through its inspectors, instituted 265 actions in the Recorders' Court in contravention of the by-laws of the Board of Health, in which 260 actions were sustained and 5 dismissed.

J. E. DUROCHER,
Superintendent Sanitary Police

General resume of sanitary inspectors' operations, 1911.

MONTH	VISITS																											COMPLAINTS				TESTS		NOTIFICATIONS AND PROSECUTIONS								
	Regular	Special	Second	Houses	Dwellings	Boarding houses	Other buildings	Stables	Cellars	Yards	Lanes	Privies	Manure heaps	New drains	Vacant lots	Basements	Dirty houses	Dark rooms	Drains	Sinks	Waste pipes	Water-closets	Soil pipes	Ventilation tubes	Water pipes	Dirty sheds	Made by citizens	Wellfounded	Unfounded or previously rectified	Made by inspectors	With oil of peppermint	With smoke	Orders given to abate various nuisances	Notices served	Days employed at other work	Prosecutions	Judgments obtained	Actions dismissed	Sentences suspended	Arrests	Second notifications
January	7693	1087	1103	4519	7724	150	1483	625	2778	3421	28	82	38	12	534	442	43	215	3697	11935	11935	9009	9009	9009	50	8	380	289	91	28	3	27	680	335	53	6	1	.....	.....	.....	71
February	8930	1114	1301	5305	8983	167	1535	662	2942	3965	29	72	32	5	718	928	46	135	4293	16078	16078	11502	11502	11502	58	5	390	290	100	17	.....	28	675	323	55	5	7	1	.....	.....	57
March	11006	1370	1692	6491	10773	250	1950	806	3760	5068	20	68	87	15	825	1088	147	216	5400	18361	18361	13489	13489	13489	35	39	480	354	126	42	32	18	1002	432	65	16	14	1	.....	.....	80
April	2372	10291	1111	1937	3139	54	439	1889	1371	9854	16	465	250	15	1067	259	37	57	1623	5210	5210	3643	3643	3643	22	56	630	484	146	69	22	14	1511	489	55	10	6	.....	4	.....	61
May	.....	8994	1614	1233	1407	41	155	1328	609	7612	58	295	159	11	541	197	49	4	990	2619	[illegible]	1633	1633	1633	24	105	1230	963	267	115	12	9	1501	532	82	87	73	.....	10	.....	90
June	.....	9207	1807	1483	1670	61	221	1317	831	7664	67	1258	184	14	1414	21	20	21	1132	2854	2854	1879	1879	1879	29	36	990	774	216	115	18	29	1321	780	106	45	38	3	1	.....	124
July	.....	4777	1051	970	1096	19	212	625	553	4082	62	1213	103	6	1191	149	16	11	1003	1953	1953	1341	1341	1341	30	41	690	520	170	85	24	3	726	593	153	8	12	.....	.....	.....	64
August	1806	2460	946	1689	2633	71	370	464	1140	2592	37	391	74	22	219	167	27	33	1424	4042	4042	2969	2969	2969	21	31	653	438	215	44	6	28	658	275	198	18	9	.....	.....	4	26
September	8028	2130	1447	5015	8712	276	1022	771	3239	4506	61	131	87	14	216	632	49	102	4036	13533	13533	9702	9702	9702	44	30	720	509	211	59	37	32	980	505	92	26	24	.....	3	.....	115
October	8626	1484	1383	4883	9515	246	662	701	3163	4275	53	117	70	17	219	550	75	156	3989	14311	14311	9990	9990	9990	49	24	430	312	118	28	29	16	840	419	50	14	26	.....	.....	.....	91
November	8067	1461	1236	4560	8086	182	1261	623	3141	3635	42	33	53	15	233	512	86	80	3805	13532	13532	9526	9526	9526	26	10	340	254	86	23	33	11	736	318	45	16	18	.....	.....	.....	61
December	8675	1123	1399	5174	9615	145	1613	698	3499	4285	50	43	91	.....	252	563	64	129	4216	14597	14597	10519	10519	10519	21	10	394	305	89	36	14	.....	851	338	92	14	10	.....	4	.....	75
Total	65203	45498	16090	43259	73353	1662	10923	10509	27026	61959	523	4168	1228	146	7429	5702	659	1159	35608	119025	119025	85202	85202	85202	409	395	7327	5492	1835	661	230	215	11481	5339	1046	265	238	5	22	4	915

J. E. DUROCHER,
Superintendent Sanitary Police.

Statement showing the number of privy pits within the city limits from December, 1891, to 31st December, 1911.

WARDS	ABOLISHED 1891	1892	1893	1894	1895	1896	1897	1898	1899	1900	1901	1902	1903	Total	Still remaining 31 dec. 1903	Abolished in 1904	Still remaining 31 dec. 1904	Abolished in 1905	Still remaining 31 dec. 1905	Abolished in 1906	Still remaining 31 dec. 1906	Abolished in 1907	Still remaining 31 dec. 1907	Abolished in 1908	Still remaining 31 dec. 1908	Abolished in 1909	Still remaining 31 dec. 1909	Abolished in 1910	Still remaining 31 dec. 1910	Abolished in 1911	Still remaining 31 dec. 1911
St. Ann	1459	146	147	140	147	19	24	67	60	52	70	265	70	1207	252	71	181	8	2173	25	148	38	110	.....	110	3	107	12	95	25	70
St. Andrew	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	6	5	1	.....	3	2	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....
St. George	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	35	26	9	1	8	3	5	1	4	1	3	1	2	1	1	.....	1
St Joseph	1383	125	145	175	112	27	33	21	32	45	20	333	139	1207	135	20	115	9	106	20	86	.....	86	8	78	...	78	20	58	19	39
St Mary	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	68	17	51	14	37	5	32	2	30	7	23	10	13	.....	13	7	6
Papineau	1280	50	53	57	63	34	20	39	40	18	60	487	86	957	255	83	172	7	165	19	146	44	102	21	81	25	56	6	50	19	31
St. James	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	99	9	90	29	61	11	50	25	25	.....	25	15	10	.....	17	4	13
Lafontaine	1081	40	47	57	53	22	35	40	42	27	10	387	90	848	134	62	72	23	49	6	43	13	30	.....	30	15	15	.....	17	.....	18
St. Jean Baptiste	857	75	90	118	135	24	10	17	46	28	40	154	50	787	60	24	36	4	32	2	30	6	40	10	14	3	11	.....	11	1	10
Duvernay	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	10	3	7	1	6	2	4	1	74	.....	3	2	1	.....	1	1	.....
St. Louis	740	80	87	116	137	30	31	24	27	17	25	63	5	642	98	38	60	24	36	9	27	2	2	6	19	4	15	4	11	3	8
St. Gabriel	735	50	53	92	102	28	15	13	31	16	30	166	43	639	96	44	52	1	51	5	46	16	.....	.....	30	5	25	8	17	11	6
St. Lawrence	568	55	52	63	59	34	9	32	38	30	35	59	4	470	98	26	72	6	66	21	45	5	2	18	22	.....	22	.....	26	.....	28
Hochelaga	326	25	26	32	48	11	6	8	13	9	25	8	48	259	67	33	34	.....	43	.....	79	5	.....	.....	90	43	47	10	37	21	16
East	68	5	1	6	12	2	.....	3	.....	3	15	8	3	58	10	5	5	.....	5	2	3	1	236	1	1	.....	1	.....	1	1	.....
Centre	14	1	1	3	3	3	.....	.....	.....	1	.....	.....	1	13	1	.....	1	.....	2	1	1	1	32	.....	.....	.....	.....	.....	.....	.....	.....
West	17	.....	.....	3	4	2	.....	.....	.....	.....	.....	5	1	15	2	.....	2	.....	2	.....	2	.....	.....	1	1	.....	1	.....	1	1	.....
St. Denis	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	819	26	2793
St. Henry	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	307	71	.....	95	141	45	96	23	73	29	144
St. Cunegonde	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	52	20	.....	3	29	12	17	5	12	3	9
Rosemount	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	422	216	206
Mount Royal	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	145	22	123
DeLorimier	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	138	1	37
Laurier	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	306	.....	396
Côte des Neiges West	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	83	12	71
Emard	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	321	94	227
St. Paul	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	63	34	29
Notre-Dame de Grâce	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	190	120	70
Bordeaux	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	49	5	44
Ahuntsic	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	41	4	37
Longue Pointe	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	620	13	607
Total	8528	652	702	862	875	236	183	264	327	246	330	1935	540	7102	1426	466	960	127	845	133	1107	252	855	171	700	183	517	79	3538	692	2939

The increase in the number of pits in St. Denis ward is due to the number of new houses built on streets without drains and to those in St. Lawrence and Sault-au-Recollet forming part of St. Denis. There are more than 120 cisterns in the City all of which are in Mount Royal and Notre-Dame de Grâce wards on streets where there are no drains.

J. E. DUROCHER,
Superintendent Sanitary Police.

Removal of night-soil, 1911.

WARDS	Hochelaga		St. Mary		Papineau		St. James		LaFontaine		St. Louis		St. Lawrence		St. Cunegonde		St. Henry		Mount Royal		Delorimier		Laurier		Notre-Dame de Grâce		Emard		St. Paul		St. Joseph		St. George		St. Ann		St. Jean-Baptiste		St. Gabriel		St. Denis		Bordeaux		Mount-Royal		Longue-Pointe		Rosemount		Côte des Neiges		Pits unconnected with sewer	Pits connected with sewer	No. of cubic feet
MONTH	Pits	Feet	Pits	Feet	Pits	Feet	Pits	Feet	Pits	Feet	Pits	Feet	Pits	Feet	Pits	Feet	Pits	Feet	Pits	Feet	Pits	Feet	Pits	Feet	Pits	Feet	Pits	Feet	Pits	Feet	Pits	Feet	Pits	Feet	Pits	Feet	Pits	Feet	Pits	Feet	Pits	Feet	Pits	Feet	Pits	Feet	Pits	Feet	Pits	Feet	Pits	Feet			
January	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4	60	...	...	...	...	2	72	...	...	...	...	...	...	1	60	...	...	...	...	1	36	...	...	1	36	...	...	...	...	...	...	1	36	...	...	9	1	400
February	...	...	...	...	2	96	...	...	...	...	...	...	2	300	...	...	...	...	...	...	...	...	2	72	1	36	...	...	...	...	1	60	...	...	...	...	...	...	...	...	1	36	...	...	...	...	...	...	...	...	...	...	9	0	600
March	...	...	1	114	1	60	...	...	...	...	1	50	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	36	...	...	1	60	...	...	...	...	...	...	...	...	...	...	...	...	3	126	...	...	7	1	446
April	2	72	...	...	2	156	...	...	2	144	1	60	7	696	...	...	2	96	1	60	1	36	9	516	12	746	2	150	...	...	7	710	...	...	...	...	...	...	...	...	2	96	...	...	...	...	...	...	...	...	...	...	42	8	3538
May	...	...	2	72	5	465	2	138	2	133	1	36	4	519	2	150	4	144	2	304	3	108	32	1176	7	252	1	36	1	36	16	1388	1	48	7	763	1	60	1	36	5	180	...	...	...	...	...	...	5	180	...	...	38	16	6224
June	2	96	...	...	5	222	...	...	1	36	4	180	3	264	2	72	10	548	9	1610	10	360	12	492	...	...	2	72	...	...	14	632	...	...	2	216	3	288	...	...	25	918	1	36	2	72	7	252	1	36	...	...	106	9	6402
July	...	...	...	...	4	162	1	210	1	36	2	204	3	174	...	...	...	...	13	458	...	...	17	684	2	72	3	108	3	108	2	222	...	...	1	170	2	72	...	...	18	648	10	360	1	36	17	612	1	36	...	...	94	9	4372
August	...	...	...	...	...	...	...	...	...	...	...	...	2	156	2	186	...	...	1	60	2	72	18	1064	2	72	1	36	2	84	...	...	1	36	2	96	...	...	1	36	7	306	1	36	...	...	7	252	...	...	2	72	48	3	2564
September	...	...	...	...	1	36	1	36	...	...	...	...	...	...	1	60	3	204	...	...	...	...	2	72	...	...	...	...	1	36	...	...	...	...	2	120	...	...	...	...	1	144	...	...	...	...	3	108	1	36	...	...	17	2	852
October	...	...	...	...	...	...	1	48	...	...	...	...	3	280	...	...	...	...	1	36	2	72	2	72	...	...	...	...	1	36	2	72	...	...	3	653	...	...	...	...	4	144	...	...	1	120	6	336	...	...	...	...	20	6	1869
November	...	...	...	...	...	...	...	...	...	...	...	...	4	434	...	...	1	54	...	...	1	36	2	96	1	36	...	...	1	72	...	...	...	...	3	312	...	...	...	...	2	72	...	...	...	...	1	36	1	36	...	...	17	0	1184
December	...	...	...	...	...	...	2	136	...	...	...	...	...	...	...	...	...	...	1	36	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3	108	...	...	...	...	...	...	1	36	...	...	7	0	316
Total	4	168	3	186	20	1197	7	568	6	349	9	530	28	2823	7	468	24	1206	28	2564	19	684	98	4316	25	1214	9	402	9	372	44	3180	2	84	21	2390	7	456	2	72	72	2688	12	432	4	228	41	1596	14	522	2	72	462	55	28767

J. L. E. TREMPE,
Recording clerk

Resume of the work of the sanitary inspectors, by months, 1911.

Months	REPAIRS											Unsanitary Houses		REPAIRS					CLEANED							
	Drains	Sinks	Waste pipes	Water-Closets	Soil pipes	Ventilation	Defective cesspits	Stables	Sheds	Water pipes	Gas leakage	Dampness	Overcrowding and filth	Privy pits	Wooden slop trunks	Manure heaps	Nuisances caused by dead rats	Manure boxes	Cellars	Yards	Lanes	Vacant lots	Cess pits	Fowl kept in houses	Manure boxes constructed	Water-Closets installed
January ..	69	74	167	413	23	10	4	6	8	50	19	24	95	...	..	22	12	7	32	26	1	10	10	7	..	3
February .	68	38	178	517	17	12	5	4	5	54	30	41	105	...	..	29	10	7	31	18	1	...	9	11	1	2
March .. .	110	51	152	542	1[illegible]	21	13	11	37	35	23	39	125	...	1	76	13	24	72	90	1	7	8	9	..	2
April.. ..	44	18	78	209	11	17	14	19	54	29	20	21	78	49	1	238	16	37	50	555	14	51	50	7	4	9
May	72	54	138	297	16	26	26	42	105	24	20	33	78	109	1	242	28	57	83	677	31	157	104	7	6	21
June	72	41	88	207	13	16	48	24	36	29	12	29	32	166	2	158	12	62	90	252	15	40	115	5	3	25
July	85	26	71	220	13	9	11	35	45	30	7	20	27	156	..	112	8	33	74	180	24	17	101	3	4	17
August ..	77	52	115	203	17	22	14	14	29	20	18	41	61	105	..	102	8	30	79	150	13	37	51	1	2	17
September	78	51	192	375	20	29	9	9	30	44	13	44	49	79	1	75	24	24	94	125	3	16	19	1	1	11
October ..	70	47	196	274	11	14	10	10	26	47	[illegible]	42	92	23	1	63	12	12	68	81	6	16	26	2	2	8
November	70	35	196	489	21	18	4	2	10	26	19	35	66	5	1	49	16	16	40	62	1	12	17	6	1	3
December	62	28	119	334	16	12	1	2	10	21	14	46	23	...	..	62	20	20	32	52	...	12	7	4	5	1
Total	877	515	1690	4090	195	206	159	178	395	409	204	415	831	692	8	1228	179	329	745	2268	110	375	517	63	29	119

J. E. DUROCHER,
Superintendent Sanitary Police.

Food Inspection

Dr. Louis Laberge,
Medical Officer of Health.

Sir,

I have the honor of presenting to you in the following pages a detailed report of the work done by the employees of the Food Inspection Department during the year 1911.

Respectfully submitted,

Dr. J. J. McCARREY,
Superintendent Food Inspection Department.

Milk inspection in the City of Montreal, 1911.

Months	Density			Fatty Matters			Samples of milk tested	Inspection of milk in groceries	Dairies insp. (City)	Dairies insp. (Country)	Stables insp. (City)	Stables insp. (Country)	Total no. inspections	Milk cows examined	Milk insp. at stations	Gallons of milk seized	Milk cans confiscated	Samples of milk collected	Samples of butter collected for analysis	No. of complaints	No. of convictions	Milk can covers seized	Chemical analyses	Milk cans inspected	Cans seized
	Minimum	Mean	Maximum	Minimum	Mean	Maximum																			
January ..	102075	1030	1035	2.35	3.8	5.15	418	455	237	3	81	3	891	606	61	3	...	....	39	10	6	11	19	10041	
February .	10266	10301	1034	2.07	3.72	5 1	397	630	245	..	134	..	1188	676	73	8	1	....	50	11	20	11	11	8740	
March ..	1023	10305	1034	2.3	3.6	4.9	520	426	227	..	117	..	900	756	52	4	36	13	16	27	20	10	31	8358	
April.. ..	10265	10312	10345	2 5	3.54	4.88	516	608	225	2	139	2	1076	600	43	69	37	....	...	10	9	39	15	6936	
May	1027	10305	1033	2.63	3.6	4.34	392	167	310	..	172	..	979	663	45	7	14	....	...	18	9	7	10	7465	5
June	10255	1028	10338	2.4	3.55	4.88	362	338	229	..	156	..	888	465	52	77	13	....	...	15	5	..	26	6654	87
July	1026	10295	10326	2.42	3 37	4 14	463	154	248	..	62	..	601	450	31	13	13	....	7	11	21	5	19	6234	2
August ..	1026	1029	1033	2.74	3.53	4.23	436	468	230	1	44	..	836	244	41	14	4	....	6	11	9	..	43	5707	19
September	10257	1030	10335	2.3	3.49	4.62	455	253	190	2	96	2	651	476	41	2	1	....	50	9	17	2	25	5168	13
October ..	1026	1030	1034	2.1	3 65	4.75	648	552	315	4	77	1	1073	613	48	26	6	....	18	6	14	2	33	5326	22
November	1025	10305	1034	2 8	3.8	4.8	486	448	254	..	91	..	900	719	44	2	...	..	18	16	22	9	31	3955	8
December	1028	10314	1034	2.75	4.06	5.1	297	435	153	..	170	..	854	510	54	8	5	...	6	11	4	3	14	7365	...
Mean ..	10257	10305	10337	2.44	3 64	4.71	5390	4934	2863	12	1339	8	1037	6778	585	233	130	13	210	155	156	99	277	81949	156

Inspection of dairies and farms, 1911.

26150	No. of cows inspected
1878	Regular shippers visited
195	New shippers
118	Shippers gone out of business
2191	Total farms visited
537	Special inspections
158	Inspection of cans at railway stations
348	Visits to milkmen
3145	Total inspections
45	Written notices on contraventions
20	Milk suppliers interdicted
62	Milkmen licensed after 1st inspection
49	Milkmen licensed after 2nd inspection
28	Milkmen licensed after 3rd insptection
2	Licences refused

.....	Farms improved
43	New stables
83	Stables repaired
455	Stables whitewashed
117	Cement floors
108	New windows
97	New dairies
48	Dairies repaired
172	Ice stored
1123	Total improvements
.....	Special service in city
239	Inspections at stations
193	Milk cans seized
337	Cans badly washed and sent away
80	Gallons of milk seized
32	Actions taken
30	Convictions
30	Attendance in Court

Temperature of milk taken at country R. R. stations.

from 1 January to 31 December, 1911.

OBSERVATIONS.	MAXIMUM.	MINIMUM.	MEAN.
29	60 degrees.	50 degrees.	55 degrees.
44	60 degrees.	50 degrees.	55 degrees.
47	60 degrees.	48 degrees.	53 degrees.

Temperature of milk taken at City R. R. stations.

from 29 May to 18 July, 1911.

Of 1788 observations :

19 varied between 50 and 55 degrees.

318 varied between 56 and 60 degrees, 50% varied between 50 and 65 degrees.

519 varied between 61 and 65 degrees.

526 varied between 66 and 70 degrees, 45% varied between 66 and 75 degrees.

274 varied between 71 and 75 degrees.

121 varied between 76 and 80 degrees.

9 varied between 81 and 85 degrees, 7% varied between 76 and 92 degrees.

2 varied between 90 and 92 degrees.

TEMPERATURES : Maximum, 92 degrees.
Mean, 66 degrees.
Minimum, 50 degrees.

Inspection of meat at the markets and butcher stalls, 1911.

Months	Visits to markets	Visits to butcher stalls	Visits to salteries and wholesale houses	Railway stations visited	Pounds of beef seized	Pounds of veal seized	Pounds of mutton seized	Pounds of pork seized	Pounds of sausages seized	Pounds of fowl seized	Pounds of blood-pudding seized	Pounds of kidneys seized	Pounds of tripe seized	Pounds of liver seized	Convictions
January	109	4090	23	8	1207	1231	557	254	509	241	244	151	131	44	.....
February	93	4747	23	12	1111	2360	525	177	437	196	55	299	74	557	....
March	125	3836	30	36	1719	9910	683	310	663	404	87	304	9	659	1
April	117	3846	30	36	1084	8028	558	432	604	538	129	322	15	933	1
May	102	2595	30	10	1373	3873	412	536	645	163	85	190	14	258	1
June	115	3079	38	19	1418	2759	446	529	648	283	68	204	32	536	1
July	144	4904	31	34	1205	1055	420	520	501	224	104	208	11	410	....
August	151	2990	37	47	2363	1034	531	584	625	228	143	290	28	548	.....
September	76	2292	130	15	2024	527	407	1077	380	267	84	165	.....	200	....
October	111	3324	130	8	3003	1708	1633	2262	1238	468	171	259	340	419	3
November	114	3712	130	18	1962	715	698	1115	469	402	120	227	25	724	....
December	147	5162	182	28	2068	1017	748	1336	466	579	118	381	.....	183	....
Total	1404	44577	814	271	20537	34217	7619	7132	7185	4003	1408	2100	559	5471	7

Inspections and seizures of meat at the following abattoirs: D. B. Martin & Co., Ltd., Montreal Stock Yards, private abattoirs at St. Henry, Côte St. Paul, Ahuntsic and Longue-Pointe, 1911.

Months	SLAUGHTERED				SEIZED				Bruised Meat
	Beeves	Calves	Sheep	Hogs	Beeves	Calves	Sheep	Hogs	Pounds
January	4648	591	3382	9905	34	11	9	30	11758
February	6515	2351	1652	11476	28	242	22	32	21168
March	4797	7408	1679	7755	35	869	14	31	26173
April	3733	12100	2871	8742	25	694	46	15	23957
May	5297	11918	2479	9820	40	354	37	23	30111
June	4827	7183	5177	8322	28	188	21	39	10660
July	5396	6956	7372	9223	44	209	22	115	8930
August	6294	4065	10967	11767	31	67	2	23	10889
September	6728	2560	12774	11205	29	70	5	21	11286
October	7816	3635	15039	9152	46	72	30	28	22548
November	12563	4393	20988	15394	90	73	30	24	39714
December	5107	1031	6001	9923	38	16	11	26	20027
Total	73721	64191	90381	122684	467	2865	249	407	237221

Inspection of bread, bakeries, confectionaries and groceries, 1911.

Months	Bakeries inspected	Confectionaries inspected	Inspection of bread in groceries	Bread wagons inspected	Written notifications	Bakeries repaired	Inspection of candies on the markets	Special inspections	Convictions	Building permits granted	Restaurants inspected	Bread depots inspected	Goods of various kinds seized (pounds)	Analyses
January	115	74	373	128	51	....	101	17	.....	....	15	19	197	5
February	114	89	282	58	33	....	.....	6	3	3	31	9	165	.....
March	96	63	326	152	43	....	62	9	3	..	55	6	12	.....
April	75	68	329	145	36	.....	96	8	3	1	38	5	5	15
May	175	58	251	224	94	.....	....	12	6	.....	58	22	215	1
June	89	27	235	199	8	4	1	29	5	..	170	8	130	.....
July	62	18	129	101	15	....	14	5	1	1	53	5	26	.....
August	88	70	301	153	9	.....	2	8	18	1	36	8	114	.....
September	68	51	321	116	40	...	.....	12	2	3	64	6	140	.....
October	75	36	371	190	45	8	.....	8	5	.....	43	7	845	.....
November	99	40	276	135	35	2	1	12	6	4	111	8	450	.....
December	97	43	362	161	31	....	9	14	1	1	55	9	525	.....
Total	1153	637	3556	1762	446	14	286	138	53	14	729	112	2824	21

General inspections, 1911.

Months	Number of inspections	Number of inspections (Mont. Fruit Auct.)	Inspections at markets	Inspections in groceries	Inspection of fruit and vegetable shops	Inspections of fish shops	Inspections of restaurants and confectionaries	Special inspections	Inspection of ice at Verdun and La Tortue	Inspections of ice on wharves	Inspections at abattoirs	Pounds of fruits seized	Pounds of vegetables seized	Gallons of eggs seized	Various kinds of merchandise seized	Pounds of ice seized	Analyses	Convictions
January ..	218	.....	.....	99	22	.....	12	14	16	.....	51	316	95	1200	5	25000	4	....
February .	461	.....	.....	226	69	.....	80	23	10	.....	48	40	.....	.....	1500	.....	6	....
March ..	530	.....	.....	263	92	.....	69	27	15	.....	64	203	95	.....	.....	.....	8	....
April.. ..	597	6	15	219	206	42	24	17	.....	10	58	435	170	.....	1200	.....	....	....
May	450	30	22	247	93	75	43	15	6	3	2	25465	18615	.....	1300	.....	2	8
June	398	.....	23	121	36	.....	16	7	.....	.....	28	7150	10630	....	.....	.....	1	17
July	207	23	48	49	31	24	34	31	.....	.....	14	5510	10050	.....	420	.....	4	5
August ..	351	22	8	238	89	3	3	18	.....	.....	12	27210	300	.....	30	.....	....	10
September	330	18	30	127	76	6	41	3	.....	.....	93	7661	915	.....	450	.....	1	....
October ..	348	40	26	104	272	29	23	21	.....	.....	101	5660	485	.....	600	.....	4	2
November	360	13	35	92	234	14	24	18	.....	....	103	3620	335	.....	620	.....	2	....
December	403	2	30	110	227	12	36	24	10	.....	99	1080	595	.....	250	.....	3	....
Total	4653	154	237	1895	1447	205	405	218	57	13	673	84350	42285	1200	6375	25000	35	42

Municipal Laboratory

TUBERCULOSIS.

Research for Koch's bacillus in sputum.

Months	Male		Female		Unknown		Total
1911	Pos.	Neg.	Pos.	Neg.	Pos.	Neg.	
January	1	5	5	4	.....	2	17
February	.....	7	1	11	2	5	26
March	7	3	4	.....	8	3	25
April	7	4	4	1	5	7	28
May	6	3	6	4	4	5	28
June	9	5	4	5	2	3	28
July	3	4	3	3	.....	1	14
August	2	1	3	2	3	1	12
September	4	5	7	3	4	3	26
October	7	4	3	4	2	2	22
November	9	8	5	2	5	.....	29
December	14	5	3	5	4	.....	31
Total	69	54	48	44	39	32	286

Bacteriological examination of milk.

(Quantative analysis.)

Bacteria per C. C.	Number	Percentage
Under 50,000	39	21%
50 to 100,000	12	7%
100,000 to 200,000	52	28%
Total samples under 200,000	103	56%
300,000 and over	20	10%
200,000 to 300,000	63	34%
	.....	4%
	186	100%

Mean bacteriae per c. c., 607,900.

Resume of the analyses made at the Municipal Laboratory during the year 1911.

Months	Milk	Sputa	Urine	Diphtheria	Pus	Blood	Titration	Cultures	Various	Total
January	80	13	4	. . . .	1	. . . .	105	65	. . . .	268
February	64	26	1	2	8	. . . .	90	48	. . . .	239
March	50	31	. . . .	3	6	. .	82	58	. . . .	230
April.	14	25	4	3	4	. . . .	21	122	1	194
May	1	29	1	9	3	. . . .	3	130	. . . .	176
June	16	27	5	5	3	. . . .	48	146	. . . .	250
July	12	12	2	. . . .	. . . .	. . . .	36	143	2	207
August	12	17	3	2	3	2	36	142	1	218
September	23	26	8	3	4	. . . .	69	152	1	286
October	27	24	12	5	6	2	81	157	1	315
November . . .	21	30	14	2	5	5	63	151	5	296
December . . .	2	34	14	2	3	2	6	98	3	164
Total . . .	322	294	68	36	46	11	640	1412	14	2843

Contagious Diseases and Medical Inspection of Schools

Dr. Louis Laberge,

Medical Officer of Health.

Sir,

I have the honor of submitting to you the report of the Department of Contagious Diseases for the year 1911.

In presenting this report I wish to draw your attention to the great increase in the number of cases of contagious diseases reported to our bureau during the past year, each of which cases necessitated extra work on the part of the employees either for the placarding, isolation or disinfection of the infected premises. The increase of work due to these reports and the greater extent of territory to be covered owing to the annexation of the suburbs has shown that our staff is not numerous enough and is unable to keep up with its work. The following table will show how this labor has increased:

Years.	Houses placarded.	Disinfetiocns.	Other visits.
1908	490	1819	4452
1909	607	2548	6392
1910	565	3299	10251
1911	731	3320	8293

No increase has been made in the number of employees in the department for the last four years, yet the staff has had to do work which has more than doubled during this period.

I would like to draw your attention, also, to the report of the medical inspection of schools where it is shown that while a greater number of children were examined, the amount of sickness among them has considerably diminished. I may state at the same time that vaccination has now become general among children frequenting the city schools during 1911.

It will be seen by this report that while in the various factories the workmen are better provided for in the matter of light and are more protected from the bad effects of being in constant contact with deleterious substances which the nature of their work requires, on the other hand they still suffer from overcrowding, bad or no ventilation and in respect to cleanliness these workshops and factories have not improved.

Finally, I may state that the work done by the nurses of the department has brought about excellent results, especially in the families they have visited, by educating these families in their duties and it is remarkable how well their advice has been listened to and carried out. It is to be hoped that the number of these nurses will be increased in view of the extent of ground they have to cover and the ever growing utility of this branch of the service.

Respectfully submitted,

J. E. LABERGE, M.D.,
Chief of the Department of Contagious Diseases

Report of the medical examiner of Contagious Diseases for 1911.

Months	Visits to verify contagious diseases	Primary vaccinations	Revaccinations	Cases of small-pox diagnosed	Houses quarantined	Quarantine raised	Certificates issued for admission to schools and factories
January	97	57	4	.....	.....	.....	312
February	101	155	1	.....	.....	.....	362
March	113	205	6	....	.....	.....	480
April	94	80	1	.....	.....	.....	365
May	144	306	5	.....	....	..	395
June	132	30	7	5	3	3	23
July	31	39	8	1	1	1	165
August	34	201	5	....		.....	517
September	43	358	6	5	1	1	657
October	111	175	13	.....	.....	.....	604
November	107	92	19	2	2	2	478
December	126	92	5	7	2	2	277
Total	1133	1790	80	20	9	9	4635

Dr. H. W. COYLE,
Medical examiner.

Alexandra Hospital.

Dr. J. E. Laberge.

Sir, — The following report shows the number of admissions, discharges and deaths during the year 1911.

Diseases	In hospital, 1/1/11, 6 a.m.	Admitted	Discharged	Deaths	In hospital 1/1/12, 6 a.m.
Diphtheria	10	243	221	23	9
Diphtheria and scarlatina	.....	.....	.....	.....	.....
Scarlatina	28	422	348	26	76
Scarlatina and measles	.....	.....	.....	.....	.....
Measles	16	120	133	3	.....
Erysipelas	2	71	68	1	4
Scarlatina and varicella	.....	.....	.....	.....	.....
Roseola	.....	.....	.....	.....	.....
Doubtful	.....	5	4	1	.....
Mothers accompanying children	.....	2	1	.....	1
Total	56	863	775	54	90

MURRAY LEYS, M.D.,
Medical superintendent.

St. Paul's Hospital.

Dr. J. E. Laberge,

Sir, — The following report shows the number of admissions, discharges and deaths during the year 1911.

Diseases	In hospital, 1/1/11, 6 a.m.	Admitted	Discharged	Deaths	In hospital, 1/1/12, 6 a.m.
Diphtheria	11	192	170	25	8
Diphtheria and scarlatina	4	3	6	1	.....
Scarlatina	27	301	265	24	39
Scarlatina and measles	1	1	1	1	.....
Measles	17	111	120	8	.....
Whooping cough and scarlatina	.....	2	1	1	.....
Measles and diphtheria	.....	1	1	.....	.....
Erysipelas	2	54	47	7	2
Diphtheria and whooping cough	.....	1	1	.....	.....
Measles and varicella	.....	1	1	....	.....
Scarlatina and varicella	.....	4	1	....	3
Doubtful	.....	14	12	2	.....
Total	62	685	626	69	52

LEOPOLD SAVAGE, M.D.,
Resident physician.

Sanitary inspection of schools, 1911.

No. of district	Medical Inspectors	Number of pupils examined	Bldg		Schools		Ventilation		Light		Temperature		School Equipments		Floors				Cloak rooms			Sweeping				Nuisances			Fire Escapes	
			Good condition	Defective	Over crowded	Not over crowded	Sufficient	Insufficient	Well placed	Badly placed	Looked after	Not looked after	Adapted	Not adapted	Hard wood	Soft wood	Washed often	Washed seldom	Separated	In class room	In passages	Dry	Damp	Often	Seldom	Noise	Smoke	Bad smells	With	Without
1	Dr L. A. Lacombe ..	14	14	..	6	8	10	4	13	1	9	5	14	..	5	9	....	14	7	4	3	..	14	14	..	..	..	1	5	9
2	Dr J. A. Ranger	9	9	..	3	6	8	1	9	..	6	3	9	..	9	..	1	8	3	1	5	4	5	8	1	3	2	3	9	..
3	Dr J. E. Gagné	9	9	..	5	4	2	7	6	3	1	8	9	..	2	7	....	9	1	1	7	..	9	7	2	2	..	1	7	2
4	Dr C. Guilbault	13	13	..	6	7	3	10	9	4	3	10	12	1	4	9	4	9	3	2	8	..	13	12	1	7	..	..	9	4
5	Dr L. P. de Grandpré ..	14	14	..	5	9	7	7	14	..	4	10	11	3	9	5	9	5	7	3	4	..	14	13	1	..	..	1	11	3
6	Dr J. G. Browne	5	5	..	..	5	4	1	5	..	5	..	5	..	5	..	1	4	3	..	2	2	3	5	..	..	..	..	5	..
7	Dr O. H. Richer	6	6	..	4	2	4	2	6	..	1	5	6	..	3	3	....	6	1	1	4	..	6	5	1	..	..	..	2	4
8	Dr J E. Bibaud	10	9	1	7	3	2	8	5	5	1	9	9	1	2	8	1	9	4	..	6	4	6	10	..	1	1	1	4	6
9	Dr A. K. Malouf	11	11	..	6	5	7	4	11	..	3	8	11	..	7	4	7	4	6	1	4	1	10	11	..	3	3	1	10	1
10	Dr M. Hansford	21	21	..	2	19	11	10	19	2	18	3	21	..	10	11	18	3	7	5	9	5	16	2	1	1	1	..	19	2
11	Dr B. A. Conroy	11	10	1	5	6	7	4	7	4	5	6	10	1	8	3	2	9	4	2	5	..	11	11	..	2	3	2	10	1
12	Dr A. Bourdeau	11	11	..	6	5	9	2	7	4	10	1	10	1	8	3	3	8	8	3	....	..	11	11	..	3	1	..	11	..
13	Dr J. A. Cousineau .. .	8	6	2	7	1	6	2	4	4	1	7	8	..	5	3	1	7	2	4	2	..	8	7	1	2	1	7	7	1
14	Dr J. A. Rouleau	9	7	2	2	7	3	6	7	2	4	5	7	2	6	3	2	7	2	3	4	1	8	6	3	..	..	..	6	3
15	Dr R. Gagné	12	12	..	3	9	10	2	11	1	11	1	12	..	8	4	3	9	7	2	3	1	11	10	2	6	6	3	7	5
16	Dr J. A. Dauth	9	9	..	3	6	4	5	4	5	7	2	8	1	5	4	2	7	2	..	7	..	9	6	3	1	..	1	8	1
17	Dr J. E. LeSage	17	17	..	6	11	13	4	17	..	15	2	17	..	12	5	1	16	9	4	4	4	13	15	2	3	2	2	14	3
18	Dr J. A. Williams	6	6	..	..	6	6	..	5	1	6	..	6	..	6	..	2	4	5	1	....	1	5	6	..	..	..	..	6	..
19	Dr G. Gellatly	9	9	..	..	9	8	1	9	..	8	1	9	..	9	..	5	4	5	2	2	5	4	9	..	2	2	1	9	..
	Total	204	198	6	76	128	124	80	168	36	118	86	194	10	123	81	62	142	86	39	79	28	176	186	18	36	22	24	159	45

Medical inspection of factories, etc., report of medical inspectors for the months of June, July and August, 1911.

Districts	Physicians	Number of visits	Employees	Nature of establishment											Condition				Light			Unhealthy occupation					Found		Vaccinations	Tuberculous
				Factories	Wholesales	Retails	Laundries	Night refuges	Barber shops	Bakeries	Groceries	Butcher stalls	Asylums	Private hospitals	Over crowded	Dirty	Damp	Want of ventilation	Insufficient	Badly placed	Artificial	Dust	Deleterious matters	Over heated	Bad smells	Over work	Vaccinated	Not vaccinated		
2	Dr J. A. Ranger ..	34	3253	16	...	2	1	..	...	..	...	...	1	..	..	2	..	2	2	1	3	4	2	4	2	1	3054	84	158	..
3	Dr J. E. Gagné ..	51	4087	31	...	3	..	..	...	..	...	...	..	..	1	3	1	2	3	..	..	2	....	3	2	..	3738	131	....	..
4	Dr C. Guilbault ..	109	2125	16	...	4	7	..	4	..	52	7	..	..	..	5	..	....	..	..	..	..	....	..	..	..	2034	91	632	..
5	Dr L. P de Grandpré.	214	1733	15	3	124	..	..	11	2	35	...	..	..	..	..	..	....	..	..	..	..	....	..	..	..	1700	33	5	..
6	Dr J. G. Browne ..	165	4195	52	16	63	1	3	...	1	4	5	..	..	..	..	..	....	..	..	..	..	....	..	..	..	3653	64	119	..
7	Dr O. H. Richer ..	78	285	6	...	13	..	..	5	..	5	2	..	..	..	..	..	....	..	..	..	..	....	..	..	..	277	8	....	..
8	Dr J. E. Bibaud ..	48	969	16	...	2	3	..	...	..	...	...	..	..	..	..	..	....	..	..	..	..	....	..	..	..	860	80	37	..
9	Dr A. K. Malouf .	255	5210	67	93	42	3	3	7	..	6	19	1	..	..	..	..	....	..	..	..	..	....	..	..	..	5202	8	....	..
10	Dr M. Hansford ..	38	1810	1	5	8	.	..	...	..	2	...	..	..	..	1	..	....	..	..	..	..	....	..	..	..	1671	52	58	1
11	Dr B. A. Conroy ..	103	3880	17	...	4	..	..	11	1	...	6	..	..	..	..	..	2	1	..	..	2	....	1	..	..	3730	48	39	..
12	Dr A. Bourdeau ..	664	9559	98	2	180	30	2	30	13	128	48	1	1	..	4	..	....	6	..	6	5	8	14	2	..	9364	40	135	6
13	Dr J. A. Cousineau	372	5664	34	4	97	6	..	19	69	78	35	..	..	..	8	..	....	..	..	..	..	....	7	..	..	5370	94	75	..
14	Dr J. A. Rouleau .	107	2286	18	1	11	5	..	4	..	18	4	..	..	..	.	..	....	..	..	..	..	....	..	..	..	2107	179	123	..
15	Dr L. A. Lacombe	81	2519	9	3	1	..	..	8	4	16	...	..	..	..	..	..	....	..	..	..	..	....	..	..	..	2447	72	71	..
16	Dr J. A. Dauth ..	225	5535	40	12	94	8	..	10	..	10	4	1	..	1	6	..	4	2	1	..	..	....	..	..	..	5357	221	142	..
17	Dr J. E. LeSage ..	249	8885	27	3	46	8	1	7	1	23	15	..	..	..	3	7	8	3	2	..	5	16	5	13	1	8723	78	97	..
	Total	2793	61995	461	142	694	72	9	116	91	377	145	4	1	2	32	8	18	17	4	9	18	26	34	19	2	59287	1283	1691	7

Medical inspection of schools. — Report of district medical inspection, 1911.

MONTH	Visits	Pupils	Examined	Found healthy	Found ill	CAUSE OF DISMISSAL: Adenitis	Adenoids	Headache	Debility	Def. thorax	Def. vert. col.	Def. limbs	Caries of teeth	Dis. heart	Dis. throat	Dis. ears	Dis. of skin	Dis. lungs	Dis. eyes	Sores	Colds	Parents notified	Sent to optician	Dismissed	NATURE OF DISEASE: Whooping cough	Ringworm	Diphtheria	Itch	Impetigo	Mumps	Pediculosis	Measles	Scarlatina	Tuberculosis	Varicella	Absent through infection at home	Readmission	Unvaccinated	Vaccinations	Vaccinations verified	Certificates
January	1463	71879	14459	10138	4321	32	183	25	300	6	9	12	2755	10	123	70	162	3	118	39	254	4185	57	200	....	50	13	20	39	17	324	230	11	....	6	95	78	765	119	2075	237
February	1653	70432	22866	16108	6758	43	385	36	186	2	19	19	4163	7	187	81	323	2	266	77	297	5824	111	411	...	63	5	28	39	30	685	63	7	2	12	92	134	2431	1330	15317	1116
March	1705	67886	26665	16092	10573	42	511	49	158	2	10	20	7750	10	367	82	469	.....	344	111	244	8536	224	350	2	187	2	34	28	50	792	44	9	.....	13	77	111	592	2861	7604	2270
April	1368	69080	19895	12916	6949	34	402	49	257	2	10	15	4931	9	151	66	233	2	242	79	174	6472	176	265	2	65	....	13	25	51	392	11	13	.....	6	39	65	182	174	3630	151
May	1588	71385	19410	14288	5122	41	252	97	195	3	8	8	3652	18	122	58	234	....	164	50	105	4343	99	288	5	70	2	26	39	91	438	20	9	1	13	49	77	342	2176	3354	940
June	885	68725	8000	6143	1857	23	125	104	128	2	1	2	1662	13	80	16	92	.....	69	23	34	2178	59	123	2	34	2	6	11	30	133	6	15	.....	1	43	59	15	643	2135	779
September	710	63349	16798	13212	3586	47	204	63	96	18	21	15	1427	8	85	21	68	.....	257	6	67	2161	72	106	.....	21	3	16	73	1	452	1	2	2	.....	7	13	1450	5411	27487	3902
October	1399	74524	30321	20118	10203	110	986	115	293	10	23	29	6958	10	271	92	326	1	1011	37	195	9628	891	317	7	61	8	41	98	7	1486	.....	4	2	7	6	18	1392	2086	14426	2873
November	1555	76317	27746	14360	13386	58	1271	287	624	9	20	36	8894	7	248	166	289	1	1098	59	212	8379	1238	464	4	69	11	24	125	7	1139	.....	5	3	9	52	145	590	865	12966	1514
December	1749	71098	21018	12678	8340	72	755	172	523	2	8	14	5215	6	94	95	203	.....	861	40	254	7433	781	330	5	64	3	23	84	34	342	.....	5	.....	2	25	123	353	645	9066	790
Total	14075	Mean 70467	207178	136083	71095	502	5074	997	2760	56	129	170	47407	98	1728	747	2899	9	4430	521	1836	59139	3708	2854	27	684	49	231	561	318	6183	375	80	10	92	485	823	8112	16310	98060	14572

Individual medical examination of pupils during 1911.

Districts	Medical examiners	Examined	Found Healthy	NATURE OF DISEASE: Found ill	Adenitis	Adenoids	Headache	Debility	Def. chest	Def. vert. col.	Def. limbs	Caries of teeth	Dis. heart	Dis. throat	Dis. ears	Dis. of skin	Dis. of eyes	Sores	Coughs	CAUSE OF DISMISSAL: Parents notified	Sent to optician	Dismissed	Whooping cough	Ringworm	Diphteria	Itch	Impetigo	Mumps	Pediculosis	Measles	Scarlatina	Varicella	Certificates	Vaccination verified	Vaccinations	Unvaccinated
2	Dr J.-A. Ranger	3866	1688	2178	4	275	1	64	2	8	9	1564	.....	41	15	73	127	.....	1	2178	21	120	.....	16	.....	9	14	.	231	...	..	.....	192	241	241	.....
3	Dr J.-E. Gagné	6624	1737	4887	.....	392	17	362	2	5	5	3430	.....	23	25	278	164	104	24	4207	173	244	....	62	2	14	1	4	132	.	1	3	683	618	4153	132
4	Dr C. Guilbault	3418	2418	1000	.....	66	.....	4	....	....	.....	769	...	25	20	12	35	....	9	1000	....	19	...	2	.....	4	6	15	34	....	....	..	....	173	.	.. .
5	Dr L.-P. de Grandpré	2726	1402	1324	2	120	.....	2	....	.....	4	953	....	.....	5	6	62	....	.....	1324	62	19	.....	....	....	....	....	...	133	.....	....	..	...	23	56	28
6	Dr J.-G. Browne	4563	3730	833	27	39	....	.....	....	1	16	231	.....	72	8	26	84	3	....	768	16	84	.....	11	3	12	....	9	372	2	....	3	....	....	.....	.....
7	Dr O.-H. Richer	4790	2112	2678	....	245	.....	.....	....	...	.....	2704	..	110	.....	. .	.....	.....	.....	2678	.....	....	.....	....	. ..	.....	.....	.....	....	....	..	.....		....	1942	.....
8	Dr J.-E. Bibaud	4820	3546	1274	....	55	10	15	2	3	3	955	.....	21	15	40	74	12	.....	317	75	57	..	10	...	11	15	6	10	5	2	8	260	320	420	600
9	Dr A.-K. Malouf	2208	1056	1152	1	75	1	1	1	1	4	797	.....	96	. ...	13	7	25	12	1152	17	1	.....	130	...	1	.....	.....	197	...	.....	.....	...	30	106	112
10	Dr M. Hansford	2324	1575	749	51	168	1	8	....	3	1	156	1	2	9	17	45	42	6	259	25	70	...	7	....	....	. .	43	324	89	23	1	1	7	410	108
11	Dr B.-A. Conroy	4743	2774	1969	32	101	16	14	....	1	2	1006	10	14	20	41	78	25	55	1969	78	240	...	1	.....	1	. ..	20	240	.....	..	7	.....	211	.....	.....
12	Dr A. Bourdeau	4644	2720	1924	6	13	21	..	....	2	4	1686	....	92	10	352	40	.....	105	1796	9	37	.....	12	.....	9	1	1	147	15		1	71	164	909	237
13	Dr J.-A. Cousineau	4827	3822	1005	24	9	5	227	2	15	15	406	. .	46	26	24	26	..	7	1005	....	11	.....	....	.....	5	4		3	96	....	...	194	159	4487	.....
14	Dr L.-A. Lacombe	3281	655	2626	.....	15	5	42	.....	.....	3	2577	....	9	1	3	6	...	41	2626	6	338	3	1	....	.....	2	1	483	18	16		175	175	621	175
15	Dr J.-A. Dauth	3959	1867	2092	17	62	11	8	3	1	.....	1392	...	60	16	8	109	18	48	2092	109	78	.. ..	...	1	1	3	12	31	. ....	.... .	. .	280	246	227	25
16	Dr J.-E. LeSage	2892	1235	1657	3	154	44	201	.....	3	1	1217	6	19	25	64	46	.....	110	1657	43	98	. .	36	....	17	9	33	4		9	.	284	279	....	.....
	Total	59685	32237	27348	167	1789	132	938	12	43	67	19843	17	630	195	957	903	229	418	25028	634	1416	3	288	6	84	58	174	2341	225	51	23	2140	2646	13572	1417
	Moyenne	.....	0.542	0.458	0.006	0.075	0.004	0 034	0 0004	0.0015	0.0024	0 725	0.0006	0.023	0.007	0.035	0 033	0.008	0 015	.....	.....	0.051	0.0001	0 0105	0.0002	0.003	0.002	0 006	0.085	0.008	0.0018	0.0008	0.0078	.....	.....	.....

Report of the medical inspection of commercial establishments.

Nature of establishment	Number	Defective	Good condition	Condition				Light			Unhealthy work					Employees under 14 years	Non vaccinés	Tuberculous	Danger of infection	Defective drains
				Over-crowded	Dirty	Damp	Badly ventilated	Insufficient	Badly placed	Artificial	Dust	Deleterious matters	Over heated	Bad smells	Over-work					
Factories	463	57	406	1	7	6	7	7	2	3	17	19	17	15	3	....	804	....	....	....
Wholesales	142	..	142		....	....	....	....	..	...	....	....	....	....	....	....	2	....	....	....
Retails	694	13	681	....	5	..	3	2	....	....	..	....	....		....	....	48	....	....	....
Laundries	72	12	60	1	4	2	7	1	1	....	....	1	2	5	...	...	13	....	....	....
Night refuges	9	....	9	....	....	....	....	....	...	....	....	....	....	..	....	...	....	1	....	....
Barber shops	116	....	116	..	....	....	....	....	....	..	....	....	....	....	....	....	3	....	....	....
Bakeries	91	1	90	....	1	....	....	....	....	....	..	....	....	....	....	....	1	....	....	...
Groceries	377	12	365	....	11	....	....	....	3	....	....	....	....	....	....	....	8	....	....	....
Butcher stalls	145	1	144	....	....	....	....	....	....	...	....		....	....	...	....	7	....	....	....
Asylums	4		4	....	....	....	....	....	....	....	....	....	....	....	...	....	....	....	...	....
Private hospital for tuberculous	1	....	1	...	....	....	....	....	....	....	....	....	....	....	....	....	....	6	....	....
Total	2114	96	2018	2	28	8	17	10	6	3	17	20	19	20	3	....	886	7	....	..

Report of the optician, Mr. P. G. Mount, for 1911.

MONTH	Visits	Spectacles repaired gratis	Scholars Examined		Found		Nature of the disease													Sent			Inspection of class-rooms						
			At office	At schools	Without visual defects	Suffering	Asthenopia	Blepharitis	Chalazion	Conjonctivitis	General debility	Diplopia	Hypermetropia	Hyper. Astigmatism	Myopia	Myopia Astig.	Photophobia	Strabismus	Trachoma	To doctor	To oculist	To family optician	Number of classes	Black boards: Well placed	Black boards: Badly placed	Light: Natural: Good	Light: Natural: Bad	Light: Artificial: Sufficient	Light: Artificial: Insufficient
January	37	6	37	....	2	35	3	1	..	..	2	..	8	14	4	1	1	1	..	4	3	30	...	...	..	...	..	...	..
February	110	7	40	69	11	98	7	4	..	2	2	..	22	25	21	4	5	6	..	7	12	79	39	39	..	37	1	38	2
March	190	...	66	122	46	142	16	8	..	1	17	1	27	29	16	16	2	8	1	23	19	100	26	26	..	26	..	26	..
April	74	9	30	40	17	53	4	4	..	..	3	..	7	22	8	3	1	1	..	7	12	34	41	41	..	39	4	37	2
May	133	21	48	85	15	118	6	3	2	3	7	..	24	27	15	16	4	11	..	15	16	87	...	...	..	...	..	...	..
June	33	18	33	....	...	33	..	..	..	..	1	1	12	13	5	1	..	..	..	1	1	31	...	...	..	...	..	...	..
July	18	14	18	....	...	18	..	..	1	1	1	..	6	8	1	..	..	..	..	4	1	13	...	...	..	...	..	...	..
August	26	21	26	....	...	26	..	..	..	..	..	..	4	10	5	4	..	3	..	...	4	22	...	...	..	...	..	...	..
September	9	24	39	38	4	73	2	2	..	1	8	1	16	24	10	3	..	7	..	12	4	59	18	18	..	18	..	18	..
October	23	22	74	256	93	237	11	11	..	..	41	3	41	70	20	18	3	19	..	50	33	154	58	58	..	58	..	58	..
November	8	19	51	97	35	113	6	5	..	1	25	2	16	25	15	6	3	9	..	31	18	64	34	34	..	34	..	34	..
December	4	32	33	56	19	70	1	..	..	..	10	..	10	20	18	7	2	2	..	10	8	52	13	13	..	13	..	13	..
Total	665	193	495	763	242	1016	56	38	3	9	117	8	193	287	138	79	21	67	1	164	131	725	229	229	..	224	5	225	4

Investigations made at the request of the school authorities to ascertain the existence of contagious diseases in the families of pupils.

MONTH	Diphtheria	Scarlatina	Typhoid	Measles	Roseola	Varicella	Whooping cough	Itch	Mumps	Infectious diseases	Total
January	2	4	...	33	....	8	1	....	7	....	55
February	....	....	1	7	....	6	....	....	15	1	30
March	1	7	...	4	....	2	2	....	28	2	46
April	....	5	..	9	....	....	...	....	13	....	27
May	....	4	..	4	1	5	....	..	11	....	25
June	....	2	....	...	....	2	3	....	8	....	15
July	....	....	....	....	...	....	....	....	....	....	....
August	.....	....	..	...	...	....	....	....	....	....	....
September	..	....	....	....	....	....	....	....	2	....	2
October	4	...	1	1	....	12	1	1	8	1	29
November	2	6	1	1	....	10	1	....	9	....	30
December	1	11	1	....	....	6	....	....	10	....	29
Total	10	39	4	59	1	51	8	1	111	4	288

Table showing work done by the trained nurses during 1911.

MONTH	Visits		Treated		Cause of treatment										
												Diseases			
	In school	At home	In schools	At home	Pediculosis	Impetigo	Itch	Ring-worm	Other skin diseases	Wounds	Sores	Eyes	Ears	Adenoids Hypert. tonsils	Investigations for cause of absences
January	127	27	179	.....	.....	11	2	10	17	8	5	1	.....	33	2
February	144	30	200	1	141	13	5	25	20	15	2	2	4	41	4
March	158	46	359		207	14	7	27	42	12	3	2	2	47	3
April	126	19	239	....	124	18	4	23	13	3	4	8	....	20	2
May	138	23	221	.....	127	9	3	18	6	13	1	5	.....	.....	3
June	57	7	43	.....	36	1	.....	.....	3	5	3	.....	.....	3	.....
July	....	....	.....	.....	.....	.....	....	.....	....	.....	.....	.....	.....	.....	.....
August	....	.....	.....	....	.....	.....	.....	.....	.....	.....	.....	.....	....	.....	.....
September	154	39	169	2	87	37	2	3	13	16	2	4	3	10	5
October	302	200	819	7	339	125	26	30	30	25	33	27	4	68	4
November	273	144	957	41	340	134	14	40	70	24	16	48	9	150	10
December	228	34	379	15	88	116	4	57	27	11	12	5	1	24	2
Total	1707	569	3565	66	1492	478	67	233	241	132	81	102	23	396	35

Report of trained nurses on the child inspection, 1911.

MONTH	Visits	Cases visited	Wrong address, absent or moved	Babies dead prior to visit	Refused to receive nurse	Cases requiring more than one visit	Condition of children			Feeding			Cases requiring physician	Condition of house			Number of children found vaccinated
							Bad	Fairly good	Good	Natural	Artificial	Mixed		Dirty	Fairly clean	Clean	
July	422	219	166	30	....	7	30	18	171	132	50	37	9	8	4	207	5
August	128	77	36	13	....	2	6	3	68	46	9	22	....	4	4	58	1
Total	550	296	202	43	....	9	36	21	239	178	59	59	9	12	8	275	6

Contagious diseases reported by months.

Diseases	January	February	March	April	May	June	July	August	September	October	November	December	Total
Diphtheria	91	66	79	59	60	53	51	37	40	93	102	78	809
Scarlatina	72	84	142	121	114	105	53	28	56	84	117	161	1137
Typhoid	22	21	24	22	60	31	34	63	106	79	70	96	628
Measles	962	450	227	133	74	29	18	1	5	4	13	4	1920
Roseola	8	3	4	2	...	1	...	2	...	...	...	...	20
Varicella	20	46	32	14	47	34	20	4	4	40	51	77	389
Whooping cough	16	23	14	11	11	10	13	14	5	15	18	17	167
Tuberculosis	95	98	152	156	138	123	103	130	119	123	107	107	1451
Erysipelas	19	16	16	22	27	8	8	5	4	17	11	24	177
Mumps	8	21	45	288	58	34	9	...	1	13	20	32	269
C. S. Meningitis	2	1	3	3	2	2	3	2	1	...	1	4	24
Itch	1	8	1	2	3	1	...	...	4	10	13	4	47
Small-pox	....	...	...	...	5	6	2	...	5	1	2	7	28
Grippe	2	15	10	5	3	1	...	...	3	2	2	5	48
Total	1318	852	749	578	602	438	314	286	353	481	527	616	7114

Cases of contagious diseases reported by wards, 1911.

Diseases	St. Henry	St. Cunegonde	St. Gabriel	St. Andrew	St. George	St. Joseph	St. Ann	St. Lawrence	St-Jean-Baptiste	St. Louis	West	Centre	East	St. Denis	Duvernay	Lafontaine	St. James	Papineau	St. Mary	Hochelaga	Mount-Royal	Laurier	DeLorimier	St. Paul	Notre Dame de Grâce	Longue-Pointe	Ahuntsic	Emard	Côte-des-Neiges	Bordeaux	Rosemount	Total
Diphtheria	43	29	40	47	21	40	45	72	41	58	2	3	4	58	15	48	17	44	22	56	4	54	12	5	18	3	2	2	1	..	3	809
Scarlatina	44	52	34	52	26	46	71	119	80	129	1	..	4	75	13	50	23	49	18	41	8	115	27	9	36	1	3	3	4	..	4	1137
Typhoid	50	23	44	33	35	28	31	8	23	42	1	3	8	34	6	20	22	34	30	43	..	35	7	4	3	14	..	1	..	1	5	628
Measles	40	55	59	161	113	121	73	148	66	130	..	..	4	170	38	17	8	59	18	19	9	433	50	63	26	..	16	18	2	..	4	1920
Roseola	4	1	...	...	...	...	1	5	1	1	..	1	..	...	...	...	...	1	...	...	..	5	..	..	...	..	..	..	..	..	..	20
Varicella	21	14	18	21	18	13	28	49	31	45	..	..	..	25	9	10	5	9	14	4	3	44	2	..	6	..	..	..	..	..	..	389
Wh.-cough	8	1	17	2	6	11	5	5	9	5	..	..	..	24	10	18	1	10	8	12	..	10	2	..	1	2	..	..	..	..	..	167
Tuberculosis	75	50	41	41	29	84	64	81	69	99	1	5	7	142	44	73	60	103	107	70	7	94	33	5	38	9	1	8	2	..	9	1451
Erysipelas	4	1	10	9	14	8	7	26	7	29	..	1	9	10	4	...	8	7	8	1	3	7	1	..	2	1	..	..	..	..	..	177
Mumps	11	5	28	11	11	12	19	57	38	26	..	1	..	19	4	3	1	3	3	2	1	9	2	..	3	..	..	..	..	..	..	269
C.S.Mening	3	1	1	...	1	...	3	...	1	1	..	..	..	2	2	...	2	...	1	1	..	2	1	..	...	..	..	2	..	..	..	24
Itch	2	11	...	1	...	10	3	...	...	6	..	..	..	9	...	...	...	1	...	...	..	4	...	..	...	..	..	..	..	..	..	47
Small-pox	7	2	3	5	1	1	1	2	1	2	..	1	3	3	2	3	2	1	1	2	..	3	...	..	1	1	..	..	..	..	..	48
Grippe	...	1	...	...	...	1	1	5	3	...	..	..	1	7	4	2	...	1	...	2	..	...	...	..	...	..	..	..	..	..	..	28
Total	312	246	295	383	275	375	352	617	370	573	5	15	40	578	151	244	149	322	230	253	35	815	137	86	134	31	22	34	9	1	25	7114

Contagious diseases reported by age, 1911.

Diseases	Under 6 months	6 months to 1 year	1 year to 5 years	5 years to 10 years	10 years to 20 years	20 years to 30 years	30 years to 40 years	40 years to 50 years	50 years to 60 years	60 years to 70 years	70 years to 80 years	80 years to 90 years	Total
Diphtheria	3	19	366	266	85	50	13	7	...	..	..	..	809
Scarlatina	2	13	391	471	214	32	9	4	1	..	..	..	1137
Typhoid	..	...	16	40	154	255	114	34	12	3	..		628
Measles	18	72	798	777	168	70	13	2	2	..	..	..	1920
Roseola	..	...	8	8	2		...	...	...	..	..	..	20
Varicella	1	17	115	201	44	7	3	1	...	..	..	..	389
Whooping cough	27	23	68	48	1	...	...	...	...	..	..	..	167
Tuberculosis	7	20	62	47	193	424	340	212	95	35	16	..	1451
Erysipelas	5	2	4	6	24	39	29	28	22	11	7	..	177
Mumps	1	4	34	156	63	7	4	...	...	..	..	..	269
C. S. Meningitis	2	2	7	6	5	2	...	...	...	..	..	..	24
Itch	..	1	2	20	19	1	3	..	1	..	..	..	47
Small-pox	..	...	6	5	3	7	7	...	...	..	..	..	28
Grippe	2	2	6	2	2	2	5	3	3	9	9	3	48
Toal	68	175	1883	2053	977	898	540	291	136	58	32	3	7114

Contagious diseases reported by nationalities, 1911.

Diseases	French-Canadian	English	Scotch	Irish	Jews	French	Italians	Americans	Germans	Poles	Norwegians	Russians	Syrians	Swiss	Roumanians	Greeks	Hungarians	Austrians	Swedes	Chinese	Belgians	Dutch	Spaniards	Total
Diphtheria	327	240	23	64	82	4	23	4	3	13	..	17	2	..	1	2	1	2	...	1	..	...	...	809
Scarlatina	282	404	57	91	232	5	15	7	3	4	..	20	2	1	5	2	1	3	1	..	2	...	...	1137
Typhoid	247	235	31	33	18	6	16	3	7	6	..	14	1	1	3	3	...	3	...	1	...	...	...	628
Measles	454	1064	66	86	172	4	20	7	3	...	...	28	..	1	2	1	...	3	1	..	...	2	6	1920
Roseola	2	12	....	....	3	....	3	...	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...	20
Varicella	106	160	16	19	45	3	4	...	3	4	1	18	..	2	3	1	...	3	...	1	...	...	...	389
Whooping cough	91	56	1	7	3	....	2	..	...	1	...	5	..	...	...	...	...	1	...	...	...	...	...	167
Tuberculosis	932	208	35	134	33	17	14	14	2	5	...	29	3	1	4	4	1	7	2	5	...	1	...	1451
Erysipelas	43	65	8	20	22	3	4	1	2	...	...	...	...	...	5	2	...	1	...	1	...	...	...	177
Mumps	37	110	8	16	44	1	1	...	2	...	...	44	...	...	2	...	...	3	...	...	1	...	...	269
C. S. Meningitis	15	2	1	....	...	....	2	...	...	...	...	2	...	...	1	...	...	1	...	...	...	...	...	24
Itch	45	.....	1	....	....	....	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	47
Small-pox	26	2	....	....	....	....	....	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	28
Grippe	34	4	3	5	....	1	....	1	...	...	...	...	...	...	...	...	..	1	...	...	...	...	...	48
Total	2641	2562	250	475	654	44	104	36	26	33	1	177	8	6	26	15	3	28	4	9	3	3	6	7114

Number of persons taken to the reception house while their homes were being disinfected.

MOIS	Adults	Children	Total	Diptheria	Scarlatina	Small pox	Total
January	13	26	39	6	2	.....	8
February	7	6	13	2	3	.....	5
March	13	22	35	2	5	.....	7
April	8	14	22	2	3	.....	5
May	3	4	7	.....	1	1	2
June	10	10	20	1	1	1	3
July	17	.....	17	....	.....	1	1
August	...	...	.....	...	...	.....	.....
September	7	12	19	.....	1	2	3
October	3	8	11	2	1	.....	3
November	12	14	26	4	2	1	7
December	15	19	34	1	4	4	9
Total	108	135	243	20	23	23	53

Report of the work done by the disinfectors, by months, 1911.

MONTH	Houses placarded	Cause of quarantine				Visits		Desinfections		Cause of disinfection														Ounces of formaline used	Number of cubic feet	Disinfection refused	Diseases where disinfection was refused							
		Diphtheria	Scarlatina	C. S. Menin.	Small-pox	For investigations	Various	Houses	Apartments	Cancer	Whooping cough	Diphtheria	Erysipelas	C. S. Menin.	Mumps	Roseola	Measles	Scarlatina	Tuberculosis	Typhoid	Varicella	Small pox	Grippe				Whooping cough	Roseola	Measles	Tuberculosis	Typhoid	Grippe	Itch	Varicella
January ..	64	36	28	..	..	724	1254	521	1245	..	5	65	4	..	1	4	332	46	47	7	12	..	..	10358	1293500	88	4	..	55	21	8	..	..	..
February .	50	28	22	..	..	536	768	350	943	..	..	64	11	..	3	..	182	45	26	5	10	..	3	7804	962000	68	4	2	37	12	11	..	..	..
March ..	93	34	59	..	..	673	1033	412	1206	..	..	59	15	1	7	..	137	117	53	5	22	1	1	10047	1258000	70	4	5	19	22	9	11	1	1
April	66	22	44	..	..	468	713	312	1058	1	..	60	5	2	3	1	77	82	63	2	3	..	2	8973	1122500	40	2	2	6	20	6	4	..	..
May	57	15	41	1	..	460	721	275	1158	..	..	35	12	2	4	..	37	100	59	8	5	10	..	9410	1448000	46	7	2	2	11	22	2	..	..
June	61	16	41	..	4	916	614	230	960	1	..	40	5	..	6	1	14	90	54	3	6	13	..	8156	992750	29	1	..	1	18	9	..	..	..
July	33	12	19	..	2	232	403	159	473	1	..	36	5	..	1	..	3	54	47	6	9	..	4	6688	695000	15	2	..	..	11	2	..	..	..
August ..	24	16	8	..	..	533	327	128	502	..	..	33	1	..	..	..	1	23	64	6	..	..	1	4144	533000	47	4	..	..	19	24	..	..	..
September	30	13	16	..	1	309	484	156	563	1	..	27	2	1	1	..	1	49	54	11	..	6	..	4838	602000	27	3	..	4	4	15	1	..	..
October ..	69	31	38	..	..	388	575	213	744	..	..	79	5	..	..	..	6	56	40	11	4	2	1	6875	831500	26	4	2	..	7	12	1	..	..
November	85	43	40	..	2	449	720	275	1036	1	..	86	6	..	..	..	3	95	45	14	17	6	..	8120	1132000	25	2	3	1	7	12	..	..	..
December	99	30	67	..	2	714	681	289	1076	..	1	75	7	2	..	..	1	105	60	18	10	9	..	9540	1137000	25	..	..	..	9	15	1	..	..
Total	731	296	423	1	11	6402	8293	3320	10964	5	6	659	78	8	26	26	794	862	612	96	98	47	12	94953	12007250	506	37	16	125	161	145	20	1	1

Number of typhoid cases reported by the different hospitals during 1911.

MONTH	Homeopathic	Hôtel-Dieu	General Hospital	Notre Dame Hospital	Royal Victoria	Western	Children Memorial Hospital	Total
January	.....	3	3	.....	8	1	.....	15
February	.....	1	5	....	5	....	.....	11
March	....	5	4	.....	5	2	.....	16
April	....	1	3	4	5	....	....	13
May	1	6	11	8	11	.....	.....	37
June	.....	....	4	....	12	....	.....	16
July	....	3	6	4	10	.....	...	23
August	....	2	28	10	11	1	.....	52
September	6	7	5	2	2	1	.....	23
October	6	15	21	5	7	1	.. ..	56
November	.....	3	11	1	18	2	....	35
December	2	9	21	1	11	6	5	55
Total	15	56	122	35	105	14	5	352

Cases of typhoid reported by wards and months, 1911.

MONTH	St. Henry	St. Cunegonde	St. Gabriel	St. Andrew	St. George	St. Joseph	St. Ann	St. Lawrence	St Jean Baptiste	St. Louis	West	Centre	East	St. Denis	Duvernay	Lafontaine	St. James	Papineau	St. Mary	Hochelaga	Mount-Royal	Laurier	DeLorimier	St. Paul	Notre Dame de Grâce	Longue Pointe	Ahuntsic	Emard	Côte des Neiges	Bordeaux	Rosemount	Total
January	2	1	1	..	1	..	..	2	2	3	..	..	..	2	..	1	..	..	1	4	..	..	..	..	1	..	..	..	..	..	1	22
February	1	..	..	2	2	1	1	1	1	2	..	..	..	1	1	..	..	2	1	1	..	..	..	..	..	4	..	..	..	..	..	21
March	3	1	..	..	1	1	2	1	1	1	..	1	..	1	..	4	..	3	3	1	..	..	..	..	..	..	..	..	..	..	..	24
April	4	4	1	..	1	..	..	1	..	3	..	..	..	2	..	..	1	2	..	1	..	..	1	..	1	..	..	..	..	..	..	22
May	9	7	6	2	5	2	1	1	..	1	1	..	1	4	1	..	3	3	3	1	..	6	..	1	..	..	..	..	..	..	2	60
June	5	1	1	3	2	1	2	1	..	4	..	..	..	..	..	1	..	1	5	2	..	1	..	1	..	..	..	..	..	..	..	31
July	4	3	..	..	..	1	2	3	1	4	..	..	..	4	..	1	2	2	..	3	..	1	3	..	..	..	..	..	..	..	..	34
August	3	..	3	2	5	6	3	6	2	6	..	1	4	2	..	3	3	4	4	2	..	2	..	1	..	1	..	..	..	..	..	63
September	7	3	4	9	6	5	7	7	4	10	..	..	1	4	2	1	6	10	4	3	..	6	2	..	..	3	..	..	..	..	2	106
October	5	..	5	5	5	5	5	7	3	6	..	1	..	7	1	7	2	1	3	4	..	3	1	..	1	1	..	1	..	..	..	79
November	3	1	9	4	1	4	5	5	2	1	..	..	2	5	1	2	3	4	4	5	..	9	..	..	..	..	..	..	..	..	..	70
December	4	2	11	6	6	2	3	13	7	1	..	..	..	2	..	..	2	2	2	16	..	7	..	1	..	5	..	..	..	1	..	96
Total	50	23	44	33	35	28	31	48	23	42	1	3	8	34	6	20	22	34	30	43	..	35	7	4	3	14	..	1	..	1	5	628

Cases of tuberculosis reported by wards and months, 1911.

MONTH	St. Henry	St. Cunegonde	St. Gabriel	St. Andrew	St. George	St. Joseph	St. Ann	St. Lawrence	St-Jean-Baptiste	St. Louis	West	Centre	East	St. Denis	Duvernay	Lafontaine	St. James	Papineau	St. Mary	Hochelaga	Mount-Royal	Laurier	DeLorimier	St. Paul	Notre Dame de Grâce	Longue-Pointe	Ahuntsic	Emard	Côte-des-Neiges	Bordeaux	Rosemount	Total
January	3	3	3	5	3	6	6	3	3	4	..	..	1	14	1	7	3	6	7	..	..	7	6	..	3	1	..	..	..	..	..	95
February	5	5	4	3	3	3	5	4	4	7	..	1	..	9	2	3	5	8	7	5	..	10	3	..	2	..	..	..	..	..	..	98
March	8	2	4	3	6	8	4	4	12	9	..	..	1	9	5	11	7	10	10	9	..	16	6	1	3	1	..	1	2	..	..	152
April	9	6	6	3	4	14	5	11	6	13	..	3	..	13	3	6	8	12	8	4	1	10	2	1	5	1	..	2	..	..	..	156
May	2	6	3	6	1	10	6	9	6	10	..	..	..	16	8	6	3	14	14	1	1	6	2	..	4	1	1	1	..	..	1	138
June	10	5	4	1	1	8	2	9	2	10	..	..	1	13	3	6	8	14	10	3	..	9	1	..	..	1	..	1	..	..	1	123
July	8	4	4	3	1	2	5	10	3	12	..	..	..	12	3	3	3	4	9	1	1	8	2	..	2	..	..	..	..	..	3	103
August	5	3	2	3	2	12	10	6	6	9	..	1	3	8	3	5	8	10	7	2	3	8	6	1	6	..	..	..	..	..	1	130
September	7	3	1	5	1	7	5	8	6	7	1	..	..	16	4	6	3	4	12	9	..	7	1	1	3	2	..	..	..	..	..	119
October	7	4	4	3	3	4	5	5	10	7	..	..	..	11	5	7	5	5	9	16	..	6	2	..	1	1	..	1	..	..	2	123
November	5	4	3	3	3	4	4	4	8	5	..	..	..	9	4	5	5	7	8	13	1	4	1	1	4	1	..	1	..	..	..	107
December	6	5	3	3	1	6	7	8	3	6	..	..	1	12	3	8	2	9	6	7	..	3	1	..	5	..	..	1	..	..	1	107
Total	75	50	41	41	29	84	64	81	69	99	1	5	7	142	44	73	60	103	107	70	7	94	33	5	38	9	1	8	2	..	9	1451

Report of the tuberculosis inspector for 1911.

	January	February	March	April	May	June	July	August	September	October	November	December	Total
Number of cases reported to the Department	50	57	64	61	57	61	50	106	50	41	46	34	677
Number of domiciliary visits	408	366	410	404	427	414	309	397	420	415	404	398	4772
Number of hygienic spittoons distributed	5890	7450	7630	7560	8620	8840	7100	9030	9100	9060	8740	8690	97710
Number of leaflets and cards distributed	900	970	1010	1120	1200	1160	1080	1030	940	1080	980	820	12090

MAXIME MIRAULT,
Inspector.

Cases of measles reported by wards and months, 1911.

MONTH	St. Henry	St. Cunegonde	St. Gabriel	St. Andrew	St. George	St. Joseph	St. Ann	St. Lawrence	St-Jean-Baptiste	St. Louis	West	Centre	East	St. Denis	Duvernay	Lafontaine	St. James	Papineau	St. Mary	Hochelaga	Mount-Royal	Laurier	DeLorimier	St. Paul	Notre-Dame de Grâce	Longue-Pointe	Ahuntsic	Emard	Côte-des-Neiges	Bordeaux	Rosemount	Total
January	8	28	46	58	38	36	13	53	35	52	..	..	2	131	24	7	5	41	9	4	4	239	39	59	12	..	14	1	..	..	4	962
February	13	16	10	58	16	60	24	24	16	23	..	..	2	20	8	5	2	11	4	3	4	107	7	3	7	..	2	3	2	..	..	450
March	8	8	..	27	38	20	11	32	4	15	..	..	..	10	..	..	..	..	1	..	1	36	1	1	5	..	..	9	..	..	..	227
April	5	1	1	12	13	1	11	20	6	16	..	..	..	2	2	4	1	2	3	4	..	23	1	..	2	..	..	3	..	..	..	133
May	2	2	2	5	6	1	12	7	1	12	..	..	..	5	3	..	..	3	..	2	..	9	..	..	..	..	..	2	..	..	..	74
June	1	..	..	..	1	1	2	6	..	5	..	..	..	..	..	..	..	..	..	3	..	10	..	..	..	..	..	..	..	..	..	29
July	1	..	..	..	..	1	..	2	2	2	..	..	..	1	..	..	..	..	..	3	..	6	..	..	..	..	..	..	..	..	..	18
August	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1
September	1	..	..	1	..	..	..	1	..	1	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	5
October	..	..	..	..	1	..	..	..	..	2	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	4
November	..	..	..	..	..	1	..	3	2	2	..	..	..	1	..	1	..	..	1	..	..	2	..	..	..	..	..	..	..	..	..	13
December	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	1	1	..	..	..	..	..	..	..	..	4
Total	40	55	59	161	113	121	73	148	66	130	..	..	4	170	38	17	8	59	18	19	9	433	50	63	26	..	16	18	2	..	4	1920

Visits made to houses infected with contagious diseases, 1911.

MONTH	Houses	Dwellings	Second visits	Cellars	Basements	Yards	Latrines	Sinks	Waste pipes	Drains	Water-closets	No apparent defects found	Houses found vacant or not permitting examination	Special visits	Tested with oil of peppermint	Houses over-crowded	Houses quarantined for small-pox
January	378	486	20	363	15	378	2	972	972	378	495	314	10	4	....	1	....
February	477	590	49	477	22	477	2	1180	1180	477	588	373	6	4	....	....	....
March	480	581	36	411	69	480	....	1162	1162	480	587	373	23	10	....	2	....
April	396	562	65	376	20	396	....	1122	1122	396	562	315	20	9	....	1	..
May	422	483	35	381	41	422	1	966	966	422	483	294	24	8	....	1	....
June	311	381	57	296	15	311	....	762	762	311	390	206	42	4	....	1	....
July	277	343	47	269	8	277	2	686	686	277	343	186	20	3	....	1	...
August	159	198	18	150	9	159	....	196	196	159	200	120	22	....	....	1	8
September	259	344	53	240	19	259	2	688	688	259	352	153	17	14	11	1	6
October	285	353	50	273	12	285	3	706	706	285	362	215	30	11	17	... ..	....
November	266	351	43	226	40	266	1	702	702	266	360	159	44	9	15	....	....
December	151	191	43	141	10	151	2	381	381	151	198	79	8	6	4	....	9
Total	3861	4863	516	3603	280	3861	15	9523	9523	3861	4920	2787	266	82	47	9	23

Defects found and repaired in houses infected with contagious diseases, 1911.

MONTH	Number of houses visited	No defects found	Houses vacant or not permitting visit	Houses found defective	Houses found dirty or damp	Defective drains	Drains defective or connected with soil pipes	Drains defective or connected with waste pipe	Soil pipes not passing through roof	Defective waste pipes	Defective sink syphons	Connection of soil pipe with water - closet, loose or open	Connection of bowl with syphon of water-closet, open or leaking	Syphon of W. C. open or unventilated	Flush supply of W. C. insufficient	W. C. kept dirty	Cellars dirty, damp or containing stagnant water	Dirty yards and manure heaps	Privy pits full and connected with street sewer	Water pipes perforated or leaking	Roofs defective	Smelling of gas	Fowl kept in cellar
January ..	378	304	10	64	9	13	3	2	2	1	4	8	6	4	2	9	3	2	.....	3	...	..	2
February .	477	367	6	104	6	15	10	1	.....	4	5	10	7	3	1	8	2	....	1	5	1	1	2
March ..	480	350	23	107	6	13	9	2	1	7	7	8	1	5	8	6	5	....	....	1	....	1	..
April.. ..	396	295	20	81	1	30	9	1	.....	4	4	5	1	4	4	4	12	....	.. ..	8	....	3	..
May	422	270	24	128	6	12	6	5	.....	9	6	9	9	4	16	5	12	4	.....	6	1	1	2
June	311	164	42	105	9	10	6	.....	4	3	4	9	4	8	10	9	3	5	.....	2	....	..	..
July	277	166	20	91	2	7	9	.....	1	1	4	5	5	.....	2	7	8	....	.....	3	....	..	..
August ..	159	98	22	39	....	5	4	1	.....	....	1	8	6	2	4	1	2	....	.....	1	....	..	..
September	259	136	17	106	4	16	11	3	1	1	4	7	2	4	3	5	3	....	.....	1	....	..	..
October ..	285	185	30	70	4	20	9	2	1	....	3	5	5	6	3	2	2	....	.....	5	2	..	2
November	266	115	44	107	2	21	9	3	3	8	3	2	2	1	8	3	6	....	.....	3	....	..	2
December	151	71	8	72	....	18	10	2	3	1	1	1	.....	.....	2	2	3	....	.....	....	1	..	..
Total	3861	2521	266	1074	49	180	95	22	16	39	46	77	48	41	63	61	61	11	1	38	5	6	10

Vital Statistics

Doctor Louis Laberge,
Medical Officer of Health.

Sir,

The census taken this year was somewhat of a disappoint-
for the year 1911.

The census taken this year was somewhat of a disappointment as censuses taken at such long intervals are apt to be. I had calculated our population at 470,000, but the Government enumerators gave us 466,200, a difference of 3,800. This difference, while not very serious, is great enough to prove the necessity of having returns of our population made at shorter intervals, at least every five years, which returns should, in my opinion, be made by the city itself. One great advantage of this would be that we could obtain a proper estimate of the population of each of the wards, the present calculation being only approximate and the Government census applying to the electoral divisions only. Calculating the growth of a city like ours by its natural increase alone is a very primitive method, adaptable, perhaps, to some of the slower growing cities of Europe, but quite misleading when applied to a rapidly moving city like Montreal, with its ever increasing influx of strangers and its many annexations of surrounding municipalities.

The deaths in the City for the year 1911 were as follows: males 5,110, females 4,864, total 9,974, giving a death-rate of 21.19 per 1,000 of the population, a decrease of 1.21 per 1,000 under that of 1910. With the exception of 1898, when the

death-rate was 20.66, the past year was the lowest in forty years. Unfortunately, it is still very high.

The deaths of children under 5 years was 5,355, being at the rate of 53.69 per cent of the total deaths, a decrease of 0.50 per cent under 1910, although the infantile mortality during the month of July was, with the exception of the corresponding month of the year 1906, the greatest in 16 years. During last July, 72.79 per cent of the total mortality occurred in children under that age.

I am happy to state that the number of deaths from contagious diseases has decreased also as the following table will show:

	1910	1911		
Measles	155	74	a decrease of	81
Scarlatina...	118	76	"	42
Diphtheria...	136	133	"	3
Typhoid fever	192	124	"	68
Phthisis	785	737	"	48

Tuberculosis in all its forms caused 912 deaths during the past year, being 9.14 per cent of the total deaths; in 1910 it caused 964 deaths or 9.44 per cent of the total deaths, a decrease for 1911 of 0.30 per cent.

Deaths from diarrheas, in all forms and at all ages, show an increase this year, causing 2,430 deaths or 24.36 per cent of the total mortality, the deaths in 1910 from this cause were 2,068 or only 20.25 per cent of the total mortality, a difference of 4.21 per cent. This increase was due in a large measure, no doubt, to the exceptionally long and hot summer.

The birth-rate for 1911 was 37.48 per 1,000 or 1.03 per 1,000 over that of 1910; the marriage-rate increased in about the

same proportion, namely: 10.81 per 1,000 or 1.10 per 1,000 over 1910. This increase was especially remarkable among the Protestants where the rate reached the surprising figure of 17.37 per 1,000. This was owing, to a certain extent, perhaps, to the great number of marriages among new arrivals in our city prior to their departure for other points.

I would call your attention to the increase in the number of still-births this year (758 as compared to 500 in 1910). The cause of this increase should, if possible, be ascertained.

I have added two charts to the report showing the gradual and almost constant increase in the number of deaths from cancers and Bright's disease for several years back.

Respectfully submitted,

M. O'B. WARD, M.D.,
Statistician to the Board of Health.

N.B. — At the moment of going to press I was handed the first volume of the late census which modifies the number of our population as first given out by the daily papers. These first figures gave us only 466,200, whereas the official returns give us 470,480. I was obliged, in consequence, to change certain proportions in some of the tables, a work which delayed the publication of the report somewhat. The official figures, however, confirm my previous estimate of our population which I had calculated at 470,000.

Births registered in the Tutelle Office, 1911.
Catholic Churches.

French-Canadian	Sex		Total	Marriages
	M	F		
Cathedral	36	25	61	54
Notre Dame	93	98	191	119
St. James	250	260	510	280
St. Joseph	159	187	346	93
Sacred Heart	535	481	1016	211
St. Brigite	278	266	544	140
St. Charles	211	224	435	90
St. Vincent de Paul	212	212	424	134
St. Jean Baptiste	353	350	703	180
St. Louis de France	111	149	260	84
La Nativité, Hochelaga	364	363	727	130
St. Grégoire le Thaumaturge	434	367	801	143
St. Eusebe	187	163	350	62
St. Denis	181	188	369	76
St. Edward	313	329	642	74
St. Peter	145	172	317	135
St. Helen, Montreal	68	62	130	46
St. Cunegonde	212	231	443	112
St. Henry	257	216	473	99
St. Irénée	90	108	198	52
St. Elisabeth du Portugal	40	43	83	21
Notre Dame du Rosaire	78	84	162	24

Catholic Churches — *Continued.*

French-Canadian	Sex		Total	Marriages
	M.	F.		
Brought forward	4607	4578	9185	2359
St. Philomen, Rosemount	44	43	87	9
Notre Dame des Neiges	36	35	71	8
St. George	41	47	88	13
St. Jean Berchmans	27	31	58	13
St. Arsène	58	51	109	12
St. Anselme	71	77	148	22
Enfant Jésus	237	230	467	101
St. Stanislas	227	225	452	65
St Zotique	120	118	238	67
St François d'Assise, Longue-Pointe	67	62	129	19
Notre Dame de Grâce	22	28	50	10
St. Jean de la Croix	83	89	172	29
St. Paul, Cote St. Paul	88	75	163	27
St. Claire	22	31	53	10
St. Clothilde	22	30	52	5
St. Pascal, Cote des Neiges	14	16	30	7
Notre Dame de Perpétuel Secours	108	97	205	25
St. Joseph, Bordeaux	19	13	32	11
St. Cécile	3	1	4	.....
Grey Nuns	196	200	396	.....
Maternity Hospital	300	258	558	.....
Total	6412	6335	12747	2812

Catholic Churches — *Continued.*

Other Catholic Churches	Sex		Total	Marriages
	M	F		
St. Patrick's	101	105	206	147
St. Ann's	110	86	196	43
St. Mary of Good Counsel	60	52	112	25
St. Anthony's	85	61	146	45
St. Gabriel	104	96	200	42
St .Michael's	123	89	212	37
St. Agnes	44	38	82	29
St. Aloysius	35	23	58	18
St. Thomas Aquinas	52	51	103	20
Mount Carmel (Italian)	119	45	264	62
Polish Congregation	61	55	116	47
Our Lady of Help (Italian)	53	56	109	13
Total	947	857	1804	528

Protestant Churches.

Anglican	Sex		Total	Marriages
	M.	F.		
Christ Church	17	17	34	40
Trinity Church	12	14	26	33
St. James the Apostle	21	27	48	44
St. Martin	29	17	46	62
St. Thomas	40	29	69	36
St. Luke	16	19	35	20
All Saints	36	26	62	22
Grace Church	49	53	102	51
St. Jude	25	21	46	22
St. Mary, Hochelaga	13	24	37	21
St. George	39	48	87	123
St. Stephen	14	15	29	16
St. John the Evangelist	27	34	61	38
Eglise du Rédempteur	4	3	7	3
St. Edward	41	43	84	44
St. Simon	21	21	42	11
St. Augustin, Rosemount	15	13	28	7
St. Alban, Boulevard St. Denis	43	41	84	20
Good Shepherd, Notre Dame de Grâce	11	11	22	10
St. Margaret, Tétreaultville	2	1	3	5
St. Andrew, Ahuntsic	4	.....	4	1
St. Mathias, Westmount	4	1	5	11
L'Ascension	30	23	53	16
St. Cuthbert	5	14	19	2
Anglican Institutions	20	24	44	.....
Total	538	539	1077	658

Protestant Churches — *Continued.*

Presbyterian	Sex		Total	Marriages
	M	F		
First Presbyterian	12	17	29	40
Knox	10	13	23	22
St. Mark	6	10	16	20
St. Paul of Scotland	10	10	20	28
American Presbyterian	11	5	16	27
Erskine	5	1	6	5
Presbyterian, Stanley	5	5	10	7
St. Andrew	1	3	4	8
Presbyterian, Crescent	16	10	26	33
St. John, French Presbyterian	5	10	15	11
St. Giles	21	29	50	24
Taylor	15	20	35	39
Victoria	5	8	13	7
St. Matthew	26	15	41	16
Westminster	8	6	14	10
Calvin	11	20	31	25
Eglise La Croix	6	7	13	6
Eglise St. Jean Baptiste	2	2	4	3
Presbyterian, Italian	1	1	2	1
Presbyterian, Cote des Neiges	6	7	13	1
Presbyterian ,Inspector St.	9	16	25	19
Welsh	3	.....	3	.....
Fairmount	11	5	16	9
McVicar Memorial	16	16	32	15
Presbyterian Institutions	16	15	31	4
Presbyterian, Ahuntsic	3	3	6	4
Livingston	3	2	5	3
Total	243	256	499	387

Protestant Churches — *Continued.*

Methodist	Sex		Total	Marriages
	M.	F.		
St. James	9	10	19	43
Mountain Street	7	9	16	15
Sherbrooke Street	9	10	19	25
Dominion Congregation	7	3	10	47
East End	19	18	37	18
West End	5	9	14	11
Douglas	6	4	10	12
Hochelaga	15	9	24	7
Centenary	19	26	45	14
First French	1	.....	1	2
Fairmount Avenue	26	19	45	17
Italian	4	4	8	3
West End, French	3	1	4	1
Ebenezer	24	19	43	11
Mount Royal Avenue	15	21	36	10
North End, Huntley St., Shaw Memorial	5	5	10	3
Cote St. Paul	7	4	11	6
Total	181	171	352	245
Baptist				
Olivet	4	7	11	12
First Baptist	1	.....	1	25
Baptist Church, Point St. Charles	4	2	6	11
L'Oratoire	.....	2	1	4
St Paul	6	8	14	4
Temple	1	1	2	6
Total	16	19	35	62

Protestant Churches — *Continued.*

Congregationalist	Sex		Total	Marriages
	M.	F.		
Zion	9	13	22	5
Calvary	4	9	13	14
Emmanuel	5	7	12	14
Congregation, Point St. Charles	9	13	22	15
Amherst Park	13	6	19	7
Union Congregational	.....	.....	.....	7
Total	40	48	88	62
Unitarian				
Messiah, Christian Unitarian	7	3	10	5
Lutheran				
English Lutheran	7	4	11	7
German Evangelical	14	11	25	19
Total	21	15	36	26
Other Protestant Churches				
Holiness Movement	2	2	4	1
Catholic Apostolic	.....	1	1	.....
Scandinavian Mission	.....	.....	.....	.....
High African Methodist Episcopal	.....	.....	.....	.....
Adventist	.....	.....	.....	3
Total	2	3	5	4

Other denominations.

Other denominations	Sex		Total	Marriages
	M	F		
Greek Orthodox	11	21	32	14
Syrian Orthodox	25	16	41	15
Total	36	37	73	29
Synagogues				
Beth Israel	2	2	4	82
Spanish and Portuguese	4	5	9	1
Temple Emmanuel	.....	2	2	2
Beth David	13	10	23	27
English, German and Polish	9	8	17	14
Austria-Hungarian	16	20	36	5
Shevra Shaas	7	4	11	31
Other Synagogues	410	384	794	65
Total	461	435	896	227

Recapitulation.

Catholic Churches	Sex		Total	Marriages
	M.	F		
French-Canadian	6412	6335	12747	2812
Other Catholic Churches	947	857	1804	528
Total	7359	7192	14551	3340
Protestant Churches				
Anglican	538	539	1077	658
Presbyterian	243	256	499	387
Methodist	181	171	352	244
Baptist	16	19	35	62
Congregationalist	40	48	88	62
Unitarian	7	3	10	5
Lutheran	21	15	36	26
Other Protestant Churches	2	3	5	4
Total	1048	1054	2102	1448
Orthodox Churches	36	37	73	29
Synagogues	461	435	896	227
Total	497	472	969	256
Births registered at the City Hall	9	6	15	.....
Total	8913	8724	17637	5044

Birth certificates sent to the Board of Health and Statistics by physicians or parents, 1911.

	Sex		Total
	M.	F.	
French-Canadian	4040	3634	7674
Other Catholics	823	737	1560
Protestants	1078	1018	2096
Jews	461	435	896
Orthodox	37	28	65
Unknown	1	2	3
Total	6440	5854	12294

Twin births.

	No.	M.	F.	Total
French-Canadian	67	64	70	134
Other Catholics	12	11	13	24
Protestants	19	21	17	38
Jews	12	9	15	24
Orthodox	1	1	1	2
Total	111	106	116	222

Triple births.

French-Canadian	1	1	2	3
Scotch	1	1	2	3
Jews	1	.....	3	3
Total	3	2	7	9

Births reported to the Board of Health and Statistics.
By nationalities.

Nationalities	M	F	Total
French-Canadian	4040	3634	7674
English	763	701	1464
Jewish	461	435	896
Irish	373	356	729
Scotch	300	258	558
Italian	193	171	364
Polish	63	49	112
United-States	41	50	91
French	37	49	86
German	21	26	47
Syrian	24	21	45
Greek	15	13	28
Belgian	17	9	26
Welsh	17	9	26
Austrian	11	14	25
Lithuanian	11	13	24
Russian	8	7	15
Swiss	8	3	11
Swedish	4	3	7
Colored	3	4	7
Spanish	2	3	5
Danish	4	1	5
Dutch	2	3	5
Norwegian	4	1	5
Roumanian	.....	3	3
Galician	1	2	3
Ruthenian	1	2	3
Hungarian	2	1	3
Finnish	1	1	2
Chinese	2	.....	2
Bohemian	1	.....	1
Turkish	.....	1	1
Unknown	10	11	21
Total	6440	5854	12294

Births reported to the Board of Health and Statistics.

By wards.

St. Denis	1375
Papineau	927
Laurier	1014
St. Henry	1090
St. Louis	702
LaFontaine	553
St. Jean-Baptiste	649
St. Lawrence	464
Hochelaga	656
St. Joseph	425
St. Gabriel	534
St. Ann	518
St. Mary	609
St. George	169
St. James	244
St. Andrew	176
Duvernay	450
St. Cunegonde	285
DeLorimier	411
Mount Royal	57
East	68
Centre	17
West	15
Emard	201
Longue-Pointe	145
Notre-Dame de Grâces	92
St. Paul	91
Bordeaux	21
Ahuntsic	15
Notre-Dame des Neiges	27
Rosemount	90
Unknown	224
Total	12,294

General table.*

Births, marriages and deaths.

Births.

	Births	Proportion per 1000 of each population	Excess of births over deaths
French Canadians	12349	43.33	5406
Other Catholics	2202	33.30	723
Protestants, Orthodoxs, etc.	2190	25.76	895
Jews	896	25.95	639
Total	17637	37.48	7663

Marriages.

	Marriages	Proportion per 1000 of each population
French-Canadians	2812	9.86
Other Catholics	528	8.00
Protestants, Orthodoxs, etc.	1477	17.37
Jews	227	6.58
Total	5044	10.72

Deaths.

	Deaths	Estimated population	Proportion per 1000 of each population
French Canadians	6943	285.000	24.36
Other Catholics	1479	66.000	22.41
Protestants, Orthodoxs, etc.	1295	85.000	15.23
Jews	257	34.480	7.45
Total	9974	470.480	21.19

* The figures for births and marriages are taken from the registers deposited at the Tutelle Office and those for deaths from medical certificates received at the Board of Health and Statistics.

Comparative table of births and deaths.

	French-Canadians	Other Catholics	Protestants	Jews	Total
Births	12349	2202	2190	896	17637
Deaths	6913	1479	1295	257	9974
Excess of births over deaths	5406	723	895	639	7663
Natural increase per 1000 of the population	15.97	10.95	10.53	18.53	16.28

Births by sex.

Male	8913
Female	8724
Total	17637
Excess of male births	189

Deaths by sex.

Male	5110
Female	4864
Total	9974
Excess of male deaths	246

Deaths by civil status.

Married	2157
Unmarried	1106
Widowers	383
Widows	644
Children under 15 years	5684
Total	9974

Illegitimate births.

There were 774 illegitimate births reported to the Board of Health and Statistics during the year 1911, divided as follows:

	M.	F.	Total
French-Canadians	264	240	504
Other Catholics	78	55	133
Protestants	62	74	136
Jews	5	1	6
Unknown	4	2	6
Total	413	372	785

Of these 774 births, 391 or 49.68 per cent were from places outside of Montreal, thus:

Province of Quebec	176
" Ontario	30
" New Brunswick	9
" Nova Scotia	2
" Prince Edward Island	1
" Manitoba	1
" Saskatchewan	1
United States	171
Total	391

Illegitimate children — *Continued.*

Age of mothers.

Ages	No	
13 years	1	
14 years	6	
15 years	10	
16 years	21	33.37%
17 years	41	
18 yares	96	
19 years	87	
20 years	84	
21 years	72	
22 years	76	40.76%
23 years	47	
24 years	41	
25 years	27	
26 years	38	
27 years	19	15.15%
28 years	21	
29 years	14	
30 years	14	
31 years	9	
32 years	11	5.86%
33 years	5	
34 years	7	
35 years	6	
36 years	6	
37 years	5	3.31%
38 years	5	
39 years	4	
40 years	1	0.63%
41 years	1	
42 years	3	
Unknown	7	
Total	785	

Births, marriages and deaths from 1872 to 1911 inclusively.

Year	Population	Deaths	Proportion per 1000 inhabitants	Births	Proportion per 1000 inhabitants	Marriages	Proportion per 1000 inhabitants
1872..	120759	4512	37.36	.....	.....	.....	.....
1873 .	123715	3716	39.03	.....	.....	.....	.....
1874..	124745	4520	36.23	.....	.....	.....	.....
1875..	129840	4328	33.33	.....	.....	.....	.....
1876..	133000	4557	34.26	6558	49.53	1369	10.29
1877..	134500	4715	35.05	6427	47.78	1121	8.33
1878..	135000	4119	30.51	6402	47.42	1440	10.66
1879..	135500	3704	27.43	.....	.....	.....	.....
1880..	140000	3767	26.90	.....	.....	.....	.....
1881..	143000	3883	27.18	.....	.....	.....	.....
1882..	144000	3906	27.12	.....	.....	.....	.....
1883..	150000	3849	25.60	.....	.....	.....	.....
1884..	162959	4358	26.74	6728	41.28	1513	9.28
1885..	167501	7825	46.71	6303	37.62	1495	8.92
1886..	183504	4655	25.36	8326	45.37	1931	10.52
1887..	189501	5286	27.96	8249	46.63	1984	10.46
1888..	201743	5824	28.86	8658	42.91	2204	10.92
1889..	210000	5588	26.60	8680	41.33	2107	10.03
1890..	216300	5365	24.80	8672	40.09	2080	9.65
1891..	218268	5391	24.24	9576	43.87	2107	9.65

Births, marriages and deaths from 1872 to 1911 inclusively.
Continued.

Year	Population	Deaths	Proportion per 1000 inhabitants	Births	Proportion per 1000 inhabitants	Marriages	Proportion per 1000 inhabitants
1892..	224816	5507	24.49	9454	42.05	2149	9.55
1893..	231560	5782	23.96	10080	43.53	2273	9.81
1894..	241748	6594	27.27	10714	44.29	2188	9.05
1895..	249000	6179	24.81	10055	40.38	2011	8.07
1896..	256470	5622	21.92	9592	37.40	1902	7.40
1897..	264164	6035	22.48	9184	34.76	1885	7.13
1898..	272089	5622	20.66	9433	34.66	2179	8.00
1899..	280251	6871	24.51	9655	34.45	2277	8.12
1900..	288658	7351	25.46	9892	34.26	2240	7.76
1901..	297317	6915	23.25	9646	32.44	2425	8.15
1902..	277829	6275	22.58	9907	35.65	2564	9.22
1903..	286163	6954	24.29	10326	36.08	2908	10.16
1904..	294748	6895	23.39	10601	35.90	3011	10.21
1905..	303590	6971	22.96	10872	35.81	3130	10.31
1906..	350538	8041	22.93	13094	37.35	3830	10 92
1907..	366915	8280	22.56	13230	36.05	4027	10.97
1908..	380000	8723	22.95	14606	38.43	3515	9.22
1909..	395000	8703	22.03	14678	37.15	3579	9 06
1910..	455800	10211	22.40	16616	36.45	4386	9.62
1911..	470480	9974	21.19	17637	37.48	5044	10.72

Marriage rate.

Year	Total number	Total population	Proportion per 1000 inhabitants	French-Canadian	Population	Proportion per 1000 inhabitants	Other Catholics	Population	Proportion per 1000 inhabitants	Protestants and Jews	Population	Proportion per 1000 inhabitants
1887	1,984	189,051	10.46	1,290	108,819	11.85	212	32,254	6.57	482	47,978	10.04
1888	2,204	201,743	10.92	1,358	114,908	11.81	282	35,527	7.93	564	51,308	10.99
1889	2,107	210,000	10.03	1,306	119,612	10.92	218	36,981	5.89	583	53,407	10.91
1890	2,080	216,300	9.61	1,310	123,200	10.63	253	38,090	6.64	517	55,010	9.39
1891	2,107	218,268	9.65	1,380	127,108	10.85	232	37,098	6.25	495	54,062	9.15
1892	2,149	224,816	10.35	1,356	130,921	10.35	255	38,211	6.67	538	55,684	9.66
1893	2,273	231,560	9.81	1,403	134,865	10.40	248	39,364	6.30	622	57,331	10.84
1894	2,188	241,748	9.05	1,456	141,739	10.27	240	40,701	5.89	492	59,308	8 29
1895	2,011	249,000	8.07	1,282	145,991	8.74	218	41,922	5.20	511	61,087	8.36
1896	1,902	256,470	7.40	1,252	150,370	8.32	219	43,181	5.07	431	62,919	6.85
1897	1,885	264,164	7.13	.....	.....	.....	.....	.....	....	....	.....	.....
1898	2,179	272,089	8.00	1,422	159,528	8.91	238	45,810	5.19	519	66,751	7.77
1899	2,277	286,251	8.12	1,507	164,314	9.17	254	47,184	5.38	516	68,753	7.50
1900	2,240	288,658	7.76	1,533	169,243	9.05	239	48,599	4.91	468	70,816	6.61
1901	2,425	297,317	8.15	1,477	174,320	8.47	288	50,057	5.75	660	72,940	9.04
1902	2,564	277,829	9.22	1,644	169,165	9.71	296	40,549	7.29	624	68,115	9.15
1903	2,908	286,163	10.16	1,874	174,240	10.75	307	41,765	7.35	727	70,150	10.36
1904	3,011	294,748	10.21	1,875	174,467	10.44	365	43,018	8.48	771	72,263	10.67
1905	3,130	303 590	10.31	1,848	184,851	9 99	369	44,308	8.30	913	74,431	14.30
1906	3,830	350,538	10.92	2,310	213,101	10.83	401	51,313	7.81	1119	86,124	12.99
1907	4,027	366,915	10.97	2,314	223,329	10.36	319	53,712	5.93	1394	89,874	15.15
1908	3,515	380,000	9.22	1,889	231,800	8.10	380	55,600	6.83	1246	92,600	13.45
1909	3,579	395,000	9.06	1,947	240,600	8.09	412	57,500	7.16	1220	96,900	12.59
1910	4,386	455,800	9.62	2,454	275,700	8.90	524	64,300	8.14	1408	115,800	12.25
1911	5,044	470,480	10.72	2,812	285,000	9.86	528	66,000	8.00	1704	119,480	14.25

Birth rate.

Year	Total number	Total population	Proportion per 1000 inhabitants	French-Canadian	French-Canadian population	Proportion per 1000 inhabitants	Other Catholics	Other Catholic population	Proportion per 1000 inhabitants	Protestants and Jews	Protestant and Jewish population	Proportion per 1000 inhabitants
1887	8,249	189,051	43.63	6,023	108,819	55.34	1,001	32,254	31.03	1,225	47,978	25.53
1888	8,658	201,743	42.91	6,284	114,908	54.68	1,083	35,527	30.48	1,291	51,308	25.16
1889	8,680	210,000	41.33	6,263	119,612	52.36	1,067	36,981	28.85	1,350	53,407	25.27
1890	8,672	216,300	40.09	6,357	123,200	51.59	1,036	38,090	27.19	1,279	55,010	23.25
1891	9,576	218,268	43.87	7,047	127,108	55.44	1,139	37,098	30.70	1,390	54,062	25.71
1892	9,454	224,816	42.05	6,882	130,921	52.56	1,055	38,211	27.63	1,517	85,684	27.24
1893	10,080	231,560	43.53	7,254	134,865	53.78	1,174	39,364	29.80	1,652	57,331	28.81
1894	10,714	241,748	44.29	7,831	141,739	55.67	1,126	40,701	27.64	1,697	59,308	28.59
1895	10,055	249,000	40.38	7,072	145,991	48.44	1,032	41,922	27.00	1,881	61,087	30.30
1896	9,592	256,470	37.40	6,971	150,370	46.35	1,127	43,181	26.09	1,491	62,919	20.71
1897	9,184	264,164	34.76	.....	.....	.....	.....	.....	.....	.....	.....	.....
1898	9,433	272,089	34.66	6,908	159,528	43.30	1,013	45,810	22.11	1,512	66,751	22.65
1899	9,655	286,251	34.45	7,140	164,314	43.45	982	47,184	20.81	1,533	68,753	22.29
1900	9,892	288,658	34.27	7,460	169,243	44.08	964	48,599	19.83	1,468	70,806	20.73
1901	9,646	297,317	32.44	7,184	174,340	41.21	892	50,057	17.81	1,570	72,940	21.52
1902	9,907	277,829	35.65	7,370	169,165	43.56	909	40,549	22.41	1,628	68,115	23.75
1903	10,326	286,163	36.08	7,604	174,240	43.64	2,282	41,765	30.69	1,440	70,158	20.52
1904	10,601	294,748	35.96	8,024	179,467	44.72	984	43,018	22.87	1,593	72,263	22.04
1905	10,872	303,590	31.81	8,169	184,851	54.19	1,127	44,308	25.43	1,576	74,431	21.17
1906	13,094	350,538	37 35	10,158	213,101	47.66	1,110	51,313	21.63	1,826	86,124	21.20
1907	13,230	366,915	36.05	10,312	223,329	46.17	1,059	53,712	19.71	1,859	89,874	20.68
1908	14,606	380,000	38.43	10,210	231,800	44.04	1,641	55,600	29.51	2,755	92,600	29.75
1909	14,678	395,000	37.15	10,195	240,600	42.37	1,709	57,500	29.72	2,771	96,900	28.62
1910	16,616	455,800	36.45	11,775	275,700	42.70	1,893	64,300	29.44	2,948	115,800	25.45
1911	17,637	470,480	37.48	12,349	285,000	43.33	2,202	66,000	33.30	3,086	119,480	25.82

Deaths of foundling at the Maternity Hospital, Sisters of Mercy, 1911.

MONTH	Place whence mothers came							Nationality								Age at death									Sex			Religion				
	Montreal	Province of Quebec	Province of Ontario	United States	Other places	Unknown	Total	French-Canadian	English	Irish	Scotch	United States	Other nationalities	Unknown	Total	Over 15 days	Over 1 month	Over 2 months	Over 3 months	Over 6 months	6 months to 1 year	1 year to 4 years	Total	Male	Female	Total	Catholic	Protestant	Jewish	Unknown	Total
January	17	1	..	..	..	..	18	12	3	2	..	..	1	..	18	3	5	5	4	1	..	..	18	10	8	18	15	3	..	..	18
February	27	..	..	1	..	..	28	24	2	..	..	..	2	..	28	2	5	7	6	5	2	1	28	14	14	28	25	3	..	..	28
March	46	1	..	..	..	..	47	39	2	4	1	1	..	..	47	12	9	15	7	4	..	..	47	30	17	47	43	4	..	..	47
April	56	1	..	..	..	..	57	48	3	3	..	..	3	..	57	8	19	17	7	6	..	..	57	32	25	57	51	4	2	..	57
May	13	5	1	11	..	..	30	26	1	3	..	..	..	..	30	7	11	7	3	1	..	1	30	14	16	30	29	1	..	..	30
June	17	15	2	17	2	..	53	40	3	7	1	1	1	..	53	12	16	14	7	3	..	1	53	32	21	53	48	4	1	..	53
July	24	16	3	24	..	..	67	54	6	2	2	3	..	..	67	10	13	22	9	10	3	..	67	29	38	67	56	11	..	..	67
August	9	11	3	8	..	..	31	22	2	5	2	..	..	..	31	10	13	4	2	2	..	..	31	17	14	31	27	4	..	..	31
September	5	9	1	5	..	..	20	15	2	..	2	..	1	..	20	2	6	8	3	..	..	1	20	12	8	20	16	4	..	..	20
October	8	12	2	8	..	..	30	24	3	2	..	..	1	..	30	6	11	7	3	2	1	..	30	17	13	30	27	3	..	..	30
November	10	7	1	11	..	..	29	23	2	1	1	..	2	..	29	4	8	12	3	2	..	..	29	16	13	29	25	3	1	..	29
December	9	8	..	6	2	..	25	17	5	2	..	..	1	..	25	6	11	7	1	..	..	..	25	16	9	25	19	5	..	1	25
Total	241	86	13	91	4	..	435	344	34	31	9	5	12	..	435	82	127	125	55	36	6	4	435	239	196	435	381	49	4	1	435

Deaths in the Foundling Hospital under the care of the Grey Nuns, 1911.

MONTH	Place whence mothers came							Nationality							Age at death								Sex			Religion				
	Montreal	Province of Quebec	Province of Ontario	United States	Other places	Unknown	Total	French-Canadian	English	Irish	Scotch	United States	Other nationalities	Unknown	Total	Over 15 days	Over 1 month	Over 2 months	Over 3 months	Over 6 months	6 months to 1 year	1 year to 4 years	Total	Male	Female	Total	Catholic	Protestant	Jewish	Unknown	Total
January	13	2	..	..	..	..	15	10	1	3	..	..	1	..	15	..	3	1	..	6	1	4	15	9	6	15	14	1	..	..	15
February	9	1	..	..	..	..	10	6	2	1	..	..	1	..	10	..	..	1	1	2	4	2	10	6	4	10	7	3	..	..	10
March	23	2	..	2	..	..	27	16	1	7	..	..	2	1	27	..	..	2	7	5	10	3	27	11	16	27	25	1	..	1	27
April	26	2	1	..	..	..	29	17	2	9	..	..	1	..	29	..	..	7	7	10	4	1	29	16	13	29	27	2	..	..	29
May	20	1	..	..	..	..	21	16	1	4	..	..	..	..	21	..	..	7	6	4	4	.	21	11	10	21	20	1	..	..	21
June	18	2	..	..	..	..	20	9	..	9	1	..	1	..	20	..	1	7	8	4	..	..	20	6	14	20	19	1	..	..	20
July	37	4	2	..	..	3	46	19	..	21	..	..	2	4	46	3	2	14	12	10	5	..	46	22	24	46	42	..	..	4	46
August	16	2	1	..	..	..	19	7	1	10	..	..	1	..	19	..	..	4	9	1	5	..	19	3	16	19	18	1	..	..	19
September	8	..	..	..	..	2	10	6	1	1	..	..	1	1	10	..	..	2	2	3	3	..	10	3	7	10	7	2	..	1	10
October	16	1	..	..	..	..	17	13	..	3	..	..	1	..	17	..	3	4	5	1	4	..	17	7	10	17	17	..	..	..	17
November	7	..	..	..	..	..	7	4	..	2	..	..	1	..	7	..	..	3	3	1	..	..	7	3	4	7	7	..	..	..	7
December	17	..	..	1	..	..	18	8	..	10	..	..	..	..	18	..	1	9	6	1	1	..	18	10	8	18	18	..	..	..	18
Total	210	17	4	3	..	5	239	131	9	80	1	..	12	6	239	3	10	61	66	48	41	10	239	107	132	239	221	12	..	6	239

Deaths of foundlings in other institutions, 1911.

MONTH	Place whence mothers came							Nationality								Age at death								Sex		Religion					
	Montreal	Province of Quebec	Province of Ontario	United States	Other places	Unknown	Total	French-Canadian	English	Irish	Scotch	United States	Other nationalities	Unknown	Total	Over 15 days	Over 1 month	Over 2 months	Over 3 months	Over 6 months	6 months to 1 year	1 year to 4 years	Total	Male	Female	Total	Catholic	Protestant	Jewish	Unknown	Total
January	4	..	..	..	..	..	4	..	3	..	..	..	..	1	4	..	..	1	1	2	..	..	4	2	2	4	..	3	..	1	4
February	4	..	..	..	..	..	4	..	2	..	2	..	..	..	4	1	1	..	1	1	..	..	4	..	4	4	..	4	..	..	4
March	3	..	1	..	..	..	4	1	3	..	..	..	..	..	4	..	..	1	2	..	..	1	4	3	1	4	1	3	..	..	4
April	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
May	1	..	..	..	..	..	1	..	1	..	..	..	..	..	1	..	..	..	1	..	..	..	1	1	..	1	..	1	..	..	1
June	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
July	4	1	..	2	..	..	7	..	4	..	1	2	..	..	7	..	..	..	2	3	2	..	7	4	3	7	..	7	..	..	7
August	3	..	..	..	..	..	3	..	1	..	2	..	..	..	3	1	..	..	1	..	..	1	3	2	1	3	..	3	..	..	3
September	1	..	..	..	..	..	1	..	..	..	..	..	..	1	1	..	..	1	..	..	..	..	1	1	..	1	1	..	..	..	1
October	5	..	..	..	..	..	5	1	2	1	1	..	..	..	5	..	..	..	2	3	..	..	5	3	2	5	2	3	..	..	5
November	1	..	..	..	..	..	1	..	1	..	..	..	..	..	1	..	..	1	..	..	..	..	1	..	1	1	..	1	..	..	1
December	2	..	..	..	..	..	2	..	2	..	..	..	..	..	2	..	1	1	..	..	..	..	2	2	..	2	..	2	..	..	2
Total	28	1	1	2	..	..	32	2	19	1	6	2	..	2	32	2	2	5	10	9	2	2	32	18	14	32	4	27	..	1	32

Deaths of foundlings outside of institution, 1911.

MONTH	Place whence mothers came							Nationality								Age at death								Sex			Religion				
	Montreal	Province of Quebec	Province of Ontario	United States	Other places	Unknown	Total	French-Canadian	English	Irish	Scotch	United States	Other nationalities	Unknown	Total	Over 15 days	Over 1 month	Over 2 months	Over 3 months	Over 6 months	6 months to 1 year	1 year to 4 years	Total	Male	Female	Total	Catholic	Protestant	Jewish	Unknown	Total
January	2	..	..	..	..	..	2	1	1	..	..	..	..	..	2	..	..	1	..	..	..	1	2	1	1	2	1	1	..	..	2
February	1	..	..	..	..	..	1	1	..	..	..	..	..	..	1	..	..	..	..	..	1	..	1	1	..	1	1	..	..	..	1
March	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
April	3	..	..	..	..	..	3	1	1	1	..	..	..	..	3	..	2	..	..	1	..	..	3	1	2	3	2	1	..	..	3
May	2	..	..	..	..	..	2	..	..	..	..	..	2	..	2	1	..	1	..	..	..	..	2	1	1	2	1	..	1	..	2
June	5	..	..	..	..	..	5	5	..	..	..	..	..	..	5	..	2	1	..	2	..	..	5	1	4	5	4	1	..	..	5
July	15	..	..	..	..	..	15	9	..	1	3	..	..	2	15	1	3	..	2	5	2	2	15	6	9	15	11	2	..	2	15
August	2	..	..	..	..	1	3	2	..	..	..	..	..	1	3	1	1	..	..	1	..	..	3	2	1	3	2	..	..	1	3
September	2	..	..	..	..	..	2	2	..	..	..	..	..	..	2	..	..	1	..	..	1	..	2	1	1	2	2	..	..	..	2
October	1	..	..	..	..	..	1	1	..	..	..	..	..	..	1	1	..	..	..	..	..	..	1	1	..	1	1	..	..	..	1
November	3	..	..	..	..	..	3	1	2	..	..	..	..	..	3	..	..	2	..	1	..	..	3	1	2	3	1	2	..	..	3
December	4	..	..	..	..	..	4	2	2	..	..	..	..	..	4	1	..	3	..	..	..	..	4	2	2	4	2	2	..	..	4
Total	40	..	..	..	..	1	41	25	6	2	3	..	2	3	41	5	8	9	2	10	4	3	41	18	23	41	28	9	1	3	41

Deaths of foundlings, 1911. — Resume.

MONTH	Place whence mothers came							Nationality								Age at death								Sex		Religion				
	Montreal	Province of Quebec	Province of Ontario	United States	Other places	Unknown	Total	French-Canadian	English	Irish	Scotch	United States	Other nationalities	Unknown	Total	Over 15 days	Over 1 month	Over 2 months	Over 3 months	Over 6 months	6 months to 1 year	1 year to 4 years	Total	Male	Female	Total	Catholic	Protestant	Jewish	Unknown	Total
January	36	3	..	..	..	..	39	23	8	5	..	..	3	..	39	3	8	8	5	9	1	5	39	22	17	39	30	8	..	1	39
February	41	1	..	1	..	..	43	31	6	1	2	..	3	..	43	3	6	8	8	8	7	3	43	20	23	43	33	10	..	..	43
March	72	3	1	2	..	..	78	56	6	11	1	1	2	1	78	12	9	18	16	9	10	4	78	44	34	78	69	8	..	1	78
April	85	3	1	..	..	..	89	66	6	13	..	..	4	..	89	8	21	24	14	17	4	1	89	40	49	89	80	7	2	..	89
May	36	6	1	11	..	..	54	42	3	7	..	..	2	..	54	8	11	15	10	5	4	1	54	27	27	54	50	3	1	..	54
June	40	17	2	17	2	..	78	54	3	16	2	1	2	..	78	12	19	22	15	9	..	1	78	39	39	78	71	6	1	..	78
July	80	21	5	26	..	3	135	82	10	24	6	5	2	6	135	14	18	36	25	28	12	2	135	61	74	135	109	20	..	6	135
August	30	13	4	8	..	1	56	31	4	15	4	..	1	1	56	12	14	8	12	4	5	1	56	24	32	56	47	8	..	1	56
September	16	9	1	5	..	2	33	23	3	1	2	..	2	2	33	2	6	12	5	3	4	1	33	17	16	33	26	6	..	1	33
October	30	13	2	8	..	..	53	39	5	6	1	..	2	..	53	7	14	11	10	6	5	..	53	28	25	53	47	6	..	..	53
November	21	7	1	11	..	..	40	28	5	3	1	..	3	..	40	4	8	18	6	4	..	..	40	20	20	40	33	6	1	.	40
December	32	8	..	7	2	.	49	27	9	12	..	..	1	..	49	7	13	20	7	1	1	..	49	30	19	49	39	9	.	1	49
Total	519	104	18	96	4	6	747	502	68	114	19	7	27	10	747	92	147	200	133	103	53	19	747	372	375	747	634	97	5	11	747

Deaths among prematurely born children, 1911.

Sex	January	February	March	April	May	June	July	August	September	October	November	December	Total	Gr. Total
Male — Legitimate	22	21	15	23	15	17	25	19	14	17	12	9	209	313
Male — Illegitimate	10	13	3	8	10	3	15	15	4	9	5	9	104	
Female — Legitimate	14	14	13	15	28	23	13	15	16	14	8	9	182	267
Female — Illegitimate	3	3	6	12	7	4	13	15	11	6	4	1	85	
Sex not stated — Legitimate	..	..	..	..	..	..	..	..	..	..	..	..	..	...
Sex not stated — Illegitimate	..	..	..	..	..	..	..	..	..	..	..	..	..	
Total — Legitimate	36	35	28	38	43	40	38	34	30	31	20	18	391	580
Total — Illegitimate	13	16	9	20	17	7	28	30	15	15	9	10	189	
Grand Total	49	51	37	58	60	47	66	64	45	46	29	28	580	

Religion	January	February	March	April	May	June	July	August	September	October	November	December	Total	Gr. Total
Catholic	33	31	25	30	32	35	34	26	24	22	15	15	322	492
	9	12	8	18	16	7	22	30	15	14	9	10	170	
Protestant	1	3	2	5	10	3	2	5	3	6	5	2	47	66
	4	4	1	2	1	..	6	....		1	....		19	
Jewish	2	1	1	3	1	2	2	3	3	3	..	1	22	22
	..	..	..	..	..	..	..	..	..	..	..	..	..	
Unknown	..	..	..	..	..	..	..	..	..	..	..	..	..	...
	..	..	..	..	..	..	..	..	..	..	..	..	..	
Total	36	35	28	38	43	40	38	34	30	31	20	18	391	580
	13	16	9	20	17	7	28	30	15	15	9	10	189	
Gr. Total	49	51	37	58	60	47	66	64	45	46	29	28	580	

Deaths among prematurely born children, 1911. — *Continued.*

	Age at death													Period of gestation													
														Under 30 m.	Under 1 h.	Under 6 h.	Under 12 h.	Under 1 d.	Under 3 d.	Under 1 w.	Under 2 w.	Under 1 mo.	Under 3 mo.	Under 6 mo.	Under 1 year	Unknown	Total
Under 2 months	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Under 3 months	..	..	..	1	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	1	1
Under 4 months	1	1	..	1	..	..	..	..	1	1	..	..	5	2	..	1	..	..	..	..	..	..	..	..	..	2	5
Under 5 months	1	4	..	2	5	3	4	1	3	2	3	..	28	11	2	4	..	4	3	..	..	..	..	..	..	4	28
Under 6 months	6	4	2	7	12	10	11	3	7	5	3	2	72	6	6	20	5	8	12	3	2	..	..	..	..	10	72
Under 7 months	12	12	10	13	9	12	15	10	8	10	11	8	130	8	3	22	7	26	18	13	9	8	5	2	..	9	130
Under 8 months	3	5	12	3	10	7	2	6	6	4	1	5	64	5	..	9	2	9	9	6	6	12	1	3	..	2	64
Under 9 months	3	1	..	1	1	..	..	..	..	..	..	..	6	1	..	..	..	..	1	1	..	..	..	..	..	3	6
At term	1	1	..	..	1	..	..	..	..	..	2	1	6	2	..	..	..	..	1	..	..	3	..	..	..	..	6
Not specified	22	23	13	30	22	15	34	44	20	24	9	12	268	8	3	8	5	13	18	16	23	66	98	2	1	7	268
Total	49	51	37	58	60	47	66	64	45	46	29	28	580	43	14	64	19	60	62	39	40	89	104	7	1	38	580

Still-births, 1911.

Sex	January	February	March	April	May	June	July	August	September	October	November	December	Total	Gr. Total
Male — Legitimate	26	34	28	43	34	25	41	33	29	30	26	29	378	406
Male — Illegitimate	4	2	4	4	4	1	1	1	1	..	4	2	28	
Female — Legitimate	22	21	29	23	34	30	32	22	23	23	28	21	308	336
Female — Illegitimate	2	2	5	1	3	..	3	1	4	5	1	1	28	
Sex not stated — Legitimate	1	..	..	1	6	..	..	4	..	1	1	1	15	16
Sex not stated — Illegitimate	..	..	..	1	..	..	..	..	..	..	..	..	1	
Total — Legitimate	49	55	57	67	74	55	73	59	52	54	55	51	701	758
Total — Illegitimate	6	4	9	6	7	1	4		5	5	5	3	57	
Grand Total	55	59	66	73	81	56	77	61	57	56	60	54	758	

Religion	January	February	March	April	May	June	July	August	September	October	November	December	Total	Gr. Total
Catholic	41	41	47	59	57	43	60	51	40	44	44	38	565	601
	5	4	6	2	4	1	..	2	4	3	3	2	36	
Protestant	7	7	9	7	13	9	12	7	9	8	9	9	106	114
	1	..	1	1	2	..	..	..	..	1	1	1	8	
Jewish	1	7	1	1	4	3	1	..	3	2	2	4	29	29
	..	..	..	..	..	..	..	..	..	..	..	..	..	
Unknown	..	..	..	..	..	..	..	1	..	..	..	..	1	14
	..	..	2	3	1	..	4	..	1	1	1	..	13	
Total	49	55	57	67	74	55	73	59	52	54	55	51	701	758
	6	4	9	6	7	1	4	2	5	5	5	3	57	
Gr. Total	55	59	66	73	81	56	77	61	57	59	60	54	758	

Still-births, 1911. — *Continued.*

Period of gestation													
Under 2 months	..	..	..	..	..	..	..	..	..	1	..	..	1
Under 3 months	1	..	..	1	3	..	2	6	..	3	1	2	19
Under 4 months	3	3	2	7	3	2	5	4	1	3	5	..	38
Under 5 months	5	5	2	7	7	2	7	8	4	3	2	5	57
Under 6 months	9	9	10	14	15	7	8	4	8	4	2	9	99
Under 7 months	10	5	12	6	15	5	9	6	7	9	10	8	103
Under 8 months	7	7	6	5	6	9	6	2	8	8	10	8	81
Under 9 months	3	4	3	3	1	2	4	4	1	2	5	1	33
At term	2	12	16	7	10	6	17	16	10	11	7	10	124
Not specified	15	14	15	23	21	23	19	11	18	15	18	11	203
Total	55	59	66	73	81	56	77	61	57	59	60	54	758

Deaths of illegitimate children and of those prematurely born, also the still born, 1911. — General resume.

Foundling Hospital, Grey Nuns	239
Maternity, Sisters of Mercy	435
Other institutions	32
Other illegitimate children	41
Total	747
Premature births, legitimate	391
" " illegitimate	189
Total	580
Still-born, legitimate	701
" illegitimate	57
Total	758

Deaths by ages, 1911.

AGES	Legitimate					Total	Illegitimate					Total	Sex		Total	Proportion per 100 of the total mortality
	French-Canadian	Other Catholics	Protestants	Jews	Unknown		French-Canadian	Other Catholics	Protestants	Jews	Unknown		Male	Female		
Premature children (viable)	172	36	34	18	....	260	99	59	17	....	....	175	226	209	435	4.36
Under 6 months	1745	248	178	64	....	2235	311	90	53	5	....	459	1476	1218	2694	27.01
6 months to 1 year	870	111	96	29	....	1106	29	12	2	....	....	43	590	559	1149	11.52
1 year to 2 years	403	62	63	21	....	549	9	1	5	....	....	15	291	273	564	5.65
2 years to 5 years	370	63	61	16	...	510	1	1	1	....	....	3	252	261	513	5.14
Total under 5 years	3560	520	432	148	....	4660	449	163	78	5	....	695	2835	2520	5355	53.69
From 5 years to 9 years	170	29	29	9	....	237	....	....	....	....	....	.....	109	128	237	
From 10 years to 14 years	85	14	15	4	....	118	....	....	....	....	....	.....	50	68	118	2.37
From 15 years to 19 years	142	34	31	2	....	209	....	....	....	....	....	.....	100	109	209	1.18
From 20 years to 29 years	341	85	102	22	....	550	....	....	....	....	....	.....	252	298	550	2.00
From 30 years to 39 years	367	102	103	15	....	587	....	....	....	....	....	.....	298	289	587	5.51
From 40 years to 49 years	328	118	94	19	....	559	....	....	....	....	....	.....	304	255	559	5.88
From 50 years to 59 years	408	104	102	14	....	628	....	....	....	....	....	.....	328	300	628	5.60
From 60 years to 69 years	421	127	116	9	....	673	....	....	....	....	....	.....	325	348	673	6.29
From 70 years to 79 years	416	128	119	7	...	670	....	....	....	....	....	.....	327	343	670	6.74
From 80 years to 89 years	211	47	67	3	....	328	....	....	....	....	....	.....	156	172	328	6.71
From 90 years to 99 years	44	8	7	....	....	59	....	....	....	....	....	.....	26	33	59	3.28
From 100 years and over	1	....	....	....	....	1	....	....	....	....	....	.....	....	1	1	0.59
Total over 5 years	2934	796	785	104	....	4619	....	....	....	....	....	.....	2275	2344	4619	46.31
Grand Total	6494	1316	1217	252	....	9279	449	163	78	5	....	695	5110	4864	9974	.....

Deaths by ages, 1911. — *Continued.*

	Deaths under 5 years	Proportion per hundred of the total deaths in each denomination	Deaths over 5 years	Proportion per hundred of the total deaths in each denomination
French-Canadians	4009	57.74	2934	42.26
Other Catholics	683	46.18	796	53.82
Protestants	510	39.38	785	60.62
Jews	153	59.53	104	40.47
Unknown	.....	.....	.....	.....
Total	5355	53.69	4619	46.31

Of the 6,943 deaths among French-Canadians, 3,226 were under 1 year; 783 from 1 year to 5 years; 397 from 5 years to 20 years; 1,865 from 20 to 70 years, and 672 were over 70.

Amongst the "Other Catholics", of the 1,479 deaths, 556 were under 1 year; 127 from 1 year to 5 years; 77 from 5 years to 20 years; 536 from 20 years to 70 years, and 183 from 70 up.

Amongst the Protestants, of the 1,295 deaths, 380 were under 1 year; 130 from 1 year to 5 years; 75 from 5 years to 20 years; 517 from 20 years to 70 years, and 193 were over 70.

Amongst the Jews, of 257 deaths, 116 were under 1 year; 37 from 1 year to 5 years; 15 from 5 years to 20 years; 79 from 20 years to 70 years, and 10 over 70.

42.89 per cent of the total deaths were under 1 year; 10.79 per cent from 1 year to 5 years; and 46.31 per cent were over that age.

Deaths by ages and months, 1911.

1911	January		February		March		April		May		June	
	Deaths	Proportion per 100	Deaths	Proportion per 100	Deaths	Proportion per 100	Deaths	Proportion per 100	Deaths	Proportion per 100	Deaths	Proportion per 100
French Canadians:												
Under 5 years	329	55 48	249	50.20	320	54.60	283	52.21	277	50.36	388	63.71
Over 5 years	264	44.52	247	49.89	266	45.40	259	47.79	273	49.64	221	36.29
Other Catholics:												
Under 5 years	56	41.18	38	45.78	53	39.25	54	44.26	41	34.16	70	53.84
Over 5 years	80	58.82	45	54.22	82	60.75	68	55.74	79	65.84	60	46.16
Protestants:												
Under 5 years	40	35.71	40	36.69	40	31.74	37	34.90	34	34.00	32	32.65
Over 5 years	72	64.29	69	63.31	86	68.21	69	65.10	66	66.00	66	67.35
Jews:												
Under 5 years	12	54.54	10	47.62	7	33.33	13	65.10	13	59.09	13	68.42
Over 5 years	10	45.46	11	52.38	14	69.66	7	34.90	9	40.91	6	31.58
Total:												
Under 5 years	437	50.63	337	47.53	420	48.39	387	48.99	365	46.08	503	58 76
Over 5 years	426	49.37	372	52.47	448	51.61	403	51.01	427	53.92	353	41.24
Total	863		709		868		790		792		856	

Deaths by ages and months, 1911.—*Continued.*

1911	July		August		Sept		Oct.		Nov.		Dec.		Total	
	Deaths	Proportion per 100	Deaths	Proportion per 100	Deaths	Proportion per 100	Deaths	Proportion per 100	Deaths	Proportion per 100	Deaths	Proportion per 100	Death	Proportion per 100
French Canadians:														
Under 5 years	786	76.23	424	64.04	336	59.68	242	51.27	176	44.67	219	47.09	4029	57.86
Over 5 years	245	23.77	238	35.96	227	40.32	230	48.73	218	55.33	246	52.91	2934	42.14
Other Catholics:														
Under 5 years	122	64.89	79	52.66	67	51.14	46	43.80	26	34.21	31	30.09	683	46.18
Over 5 years	66	35.11	71	47.34	64	48.86	59	56.20	50	65.79	72	69.91	796	53.82
Protestants:														
Under 5 years	106	61.98	48	44.44	33	39.28	34	40.00	33	35.10	33	32.35	510	39.38
Over 5 years	65	38.02	60	55.56	51	60.72	51	60.00	61	64.90	69	67.65	785	60.62
Jews:														
Under 5 years	19	65.51	13	65.10	19	67.85	11	55.00	10	55.55	13	76.47	153	59.53
Over 5 years	10	34.49	7	34.90	9	32.15	9	45.00	8	44.45	4	23.53	104	40.47
Total:														
Under 5 years	1033	72.79	564	60.00	435	55.34	333	43.82	245	42.02	296	43.08	5355	53.69
Over 5 years	386	27.21	376	40.00	35	44.66	349	51.18	337	57.98	391	56.92	4619	46.31
Total	1419		940		786		682		582		687		9974	

Deaths from certain contagious diseases, by ages and sex, 1911.

1911	MEASLES					Sex			SCARLATINA					Sex			DIPHTHERIA						Sex			TYPHOID FEVER					Sex			PHTHISIS					Sex		
	French-Canadians	Other Catholics	Protestants	Jews	Total	Male	Female	Total	French-Canadians	Other Catholics	Protestants	Jews	Total	Male	Female	Total	French-Canadians	Other Catholics	Protestants	Jews	Total	Male	Female	Total	French-Canadians	Other Catholics	Protestants	Jews	Total	Male	Female	Total	French-Canadians	Other Catholics	Protestants	Jews	Total	Male	Female	Total
Under 6 months	3	.....	.....	.....	3	2	1	3	.....	1	.....	.....	1	.....	1	1	2	.....	.....	.....	2	2	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	3	2	1	.....	6	2	4	6
Under 1 year	13	2	3	.....	18	12	6	18	.....	.....	1	2	3	2	1	3	4	.....	3	1	8	4	4	8	.....	.....	.....	.....	.....	.....	.....	.....	5	1	.....	.....	6	2	4	6
Under 5 years	36	9	4	1	50	23	27	50	24	9	12	9	54	26	28	54	57	14	19	5	95	43	52	95	2	1	.....	.....	3	.....	3	3	14	.....	3	1	18	10	8	18
From 5 yrs to 9 yrs	1	.....	1	.....	2	.....	2	2	7	4	2	2	15	5	10	15	16	1	5	.....	22	11	11	22	4	3	1	.....	8	3	5	8	8	4	1	.....	13	6	7	13
From 10 yrs to 14 yrs	1	.....	.....	.....	1	.....	1	1	.....	.....	1	.....	1	.....	1	1	2	.....	.....	.....	2	.....	2	2	4	.....	.....	.....	4	.....	4	4	15	2	1	1	19	4	15	19
From 15 yrs to 19 yrs	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	1	.....	1	1	.....	.....	2	1	3	1	2	3	12	5	3	1	21	12	9	21	50	9	8	.....	67	24	43	67
From 20 yrs to 29 yrs	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	1	.....	1	1	.....	.....	.....	.....	.....	.....	.....	.....	24	2	16	1	43	31	12	43	133	38	34	3	208	84	124	208
From 30 yrs to 39 yrs	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	16	8	7	.....	31	20	11	31	120	25	31	2	178	82	96	178
From 40 yrs to 49 yrs	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	1	.....	1	1	5	2	1	1	9	4	5	9	72	22	18	2	114	67	47	114
From 50 yrs to 59 yrs	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	.....	1	.....	3	2	1	3	47	13	7	3	70	38	32	70
From 60 yrs to 69 yrs	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	.....	.....	.....	2	2	.....	2	19	8	2	.....	29	14	15	20
From 70 yrs to 79 yrs	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	5	1	.....	8	6	2	8
From 80 yrs to 89 yrs	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	1	1	.....	1
From 90 yrs to 99 yrs	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total	54	11	8	1	74	37	37	74	31	14	18	13	76	33	43	76	81	15	30	7	133	61	72	133	71	21	29	3	124	74	50	124	488	130	107	12	737	340		737

Deaths by wards, 1911.

Wards	Area in acres	Deaths from all causes in each ward	Deaths of children under 1 year	Percentage of deaths under 1 year to the total deaths in each ward	Deaths of children under 5 years	Percentage of deaths under 5 years to the total deaths in each ward	Measles	Scarlatina	Diphtheria	Typhoid fever	Phthisis	Diarrheal diseases
St. Denis	3487	917	461	50.27	596	64.99	12	6	13	12	68	260
Papineau	361	835	390	46.70	487	58.33	3	7	11	12	62	239
Laurier..	720	630	257	40.79	352	55.87	4	6	11	8	40	131
St. Henry .. .	450	695	323	46.47	420	60.43	4	5	16	9	49	192
St. Louis	24	489	143	29.25	184	37.62	2	8	2	7	38	75
Lafontaine.. ..	230	520	195	37.50	249	47.88	2	3	6	3	39	121
St. J. Baptiste .	159	443	158	35.91	206	46.81	9	5	3	4	29	84
St. Lawrence .	301	540	79	22.83	106	30.63	..	5	4	4	46	38
Hochelaga.. ..	1230	123	275	50.92	352	65.18	4	7	7	5	25	166
St. Joseph .. .	190	379	133	35.09	180	47.49	4	7	7	4	36	77
St. Gabriel .. .	330	341	144	42.22	166	48.68	2	..	8	4	21	58
St. Ann	732	368	104	28.26	145	39.40	1	4	5	3	38	63
St. Mary	628	535	26	48.97	337	62.99	5	2	9	8	53	190
St. George .. .	396	173	20	11.56	24	13.87	1	2	1	9	8	8
St. James	151	264	93	35.22	110	41.66	1	2	1	3	21	50
St. Andrew ..	476	143	25	17.48	34	23.77	..	1	3	3	8	10
Duvernay	149	222	101	45.50	127	57.20	..	..	1	3	19	55
St. Cunegonde	125	267	106	39.70	135	50.56	5	1	5	6	18	69
DeLorimier ..	391	253	121	47.82	157	40.15	3	3	3	3	18	81
Mount Royal .	1148	41	17	41.46	20	48.78	..	..	...	...	2	10
East	57	61	18	29.50	25	40.98	..	..	...	1	5	13
Centre	42	13	3	23.61	4	30.77	..	..	...	...	1	2
West	54	1	....	.....	....	.....	..	..	...	...	...	....
Emard	951	163	101	61.96	126	77.30	..	..	1	...	5	49
Longue Pointe	4551	77	29	37.66	36	46.75	..	..	...	3	4	16
N. D. de Grace	2536	81	23	28.39	34	41.97	2	..	4	2	9	13
St Paul..	263	71	26	36.62	36	50.70	1	1	4	3	5	17
Bordeaux	1745	19	2	10.52	7	36.84	..	..	...	...	...	5
Ahuntsic	726	10	3	30.00	4	40.00	..	..	2	...	1	2
N. D. des Neig.	1402	11	5	45.45	5	45.45	..	..	...	...	2	....
Rosemount ..	1431	29	13	44.82	15	51.72	..	..	...	1	...	10
Total	25745	8934	3630	40.63	4679	52.37	65	75	127	120	672	2104
Institutions ..	.....	1022	646	63.20	672	65.75	9	1	6	4	62	326
Unknown	....	18	2	11.11	4	22.22	..	..	...	...	3	....
Gr. Total..	25745	9974	4278	42.89	5355	53.69	74	76	133	124	737	2430

Deaths by wards and civil status, 1911.

Wards	Male	Female	Married	Not married	Widowers	Widows	Unknown	Total	Premature children, Legitimate		Total	Premature children, Illegitimate		Total	Illegitimates		Total	Grand total — Sex		Total
									M.	F.		M.	F.		M.	F.		M	F.	
St. Denis	437	439	175	651	23	37	...	886	16	13	29	...	...	...	...	2	2	463	454	917
Papineau	421	382	172	562	27	42	...	803	14	13	27	...	...	...	...	5	5	435	400	835
Laurier	308	302	137	412	17	44	...	610	11	8	19	...	...	...	...	1	1	319	311	630
St. Henry	362	308	148	479	19	24	...	670	11	13	24	...	...	...	...	1	1	373	322	695
St. Louis	250	220	149	259	15	46	1	470	11	4	15	...	...	...	2	2	4	263	226	489
Lafontaine	263	246	145	297	21	46	...	509	5	3	8	...	...	...	1	2	3	269	251	520
St. J. Baptiste	205	221	104	258	19	45	...	426	8	6	14	...	...	...	...	...	....	213	227	440
St. Lawrence	173	162	119	167	16	32	1	335	4	2	6	...	...	...	3	2	5	180	166	346
Hochelaga	258	253	101	369	18	23	...	511	10	14	24	...	...	...	3	2	5	271	269	540
St. Joseph	191	174	95	230	14	25	1	365	4	5	9	...	...	...	4	1	5	199	180	379
St. Gabriel	164	168	90	202	15	25	...	332	4	3	7	...	...	...	1	1	2	169	172	341
St. Ann	190	162	119	192	14	27	...	352	4	10	14	...	1	1	...	1	1	194	174	368
St. Mary	277	245	97	394	11	20	...	522	4	7	11	...	...	...	1	1	2	282	253	535
St. George	87	81	65	77	10	16	...	168	1	3	4	1	...	1	...	...	....	89	84	173
St. James	139	114	74	147	15	17	...	253	7	4	11	...	...	...	...	...	....	146	118	264
St. Andrew	64	74	40	62	11	25	...	138	2	2	4	...	...	...	...	1	1	66	77	143
Duvernay	99	120	45	153	7	14	...	219	2	1	3	...	...	...	...	...	....	101	121	222

Deaths by wards and civil status. — *Continued.*

St. Cunegonde	133	126	56	172	10	21	...	259	1	7	8	...	...	...	...	...	...	134	133	267
DeLorimier	133	110	54	175	2	10	...	243	3	5	8	...	...	...	1	1	2	137	116	253
Mount Royal	20	19	8	26	7	3	...	39	...	2	2	...	...	...	...	...	...	20	21	41
East	41	20	17	36	1	1	...	61	...	...	...	...	...	...	...	...	...	41	20	61
Centre	8	5	4	8	...	...	...	13	...	...	...	...	...	...	...	...	...	8	5	13
West	1	...	1	...	...	...	...	1	...	...	...	...	...	...	...	...	...	1	...	1
Emard	86	73	18	136	1	4	...	159	2	...	2	...	...	...	1	2	3	87	76	163
Longue Pointe	40	32	14	45	6	7	...	72	2	3	5	...	...	...	...	...	...	42	35	77
N. D. de Graces	32	47	18	46	6	9	...	79	1	1	2	...	...	...	...	...	...	33	48	81
St-Paul	37	34	21	48	2	...	...	71	...	...	...	...	...	...	...	...	...	36	35	71
Bordeaux	9	10	4	12	...	2	1	19	...	...	...	...	...	...	...	...	...	9	10	19
Ahuntsic	6	4	1	8	1	...	...	10	...	...	...	...	...	...	...	...	...	6	4	10
N. D. des Neiges	5	5	4	6	...	...	...	10	1	...	1	...	...	...	...	...	...	6	5	11
Rosemount	14	14	5	21	2	...	...	28	1	...	1	...	...	...	...	...	...	15	14	29
Unknown	12	6	5	6	2	...	5	18	...	...	...	...	...	...	...	...	...	12	6	18
Institutions	161	207	52	170	67	79	...	368	2	1	3	95	78	173	233	245	478	491	531	1022
Total	4635	4384	2157	5826	383	644	9	9019	130	130	260	96	79	175	250	270	520	5110	4864	9974

Deaths by ages and seasons, 1911.

Ages	Spring				Summer				Autumn				Winter				
	March	April	May	Total Spring	June	July	August	Total Summer	September	October	November	Total Autumn	December	January	February	Total Winter	Total for year
Under 6 months	231	249	214	694	317	589	350	1256	247	201	156	604	185	213	177	575	3129
Under 1 year	62	66	72	200	119	331	150	600	100	56	27	183	36	74	56	166	1149
Under 2 years	55	42	36	133	30	82	45	157	52	35	25	112	28	78	56	162	564
Under 5 years	72	30	43	145	37	31	19	87	36	41	37	114	47	72	48	167	513
Total under 5 years	420	387	365	1172	503	1033	564	2100	435	333	245	1013	296	437	337	1070	5355
Total over 5 years	448	403	427	1278	353	386	376	1115	351	349	337	1037	391	426	372	1189	4619
Total	868	790	792	2450	856	1419	940	3215	786	682	582	2050	687	863	709	2259	9974

Monthly deaths, 1911.

MONTH	Deaths	Monthly deaths reduced to the standard of 100	Daily mean of deaths	Mean temperature
January	863.	101.87	27.83	11.89°
February	709.	92.66	25.32	12.69°
March	868.	102.46	28.00	23.43°
April	790.	96.36	26.33	40.28°
May	792.	93.49	25.54	62.53°
June	856.	104.41	28.53	65.01°
July	1419.	167.51	45.77	72.57°
August	940.	110.96	30.32	69.22°
September	786.	95.88	26.20	56.31°
October	682.	80.51	22.00	47.61°
November	582.	70.99	19.40	31.81°
December	687.	81.10	22.16	27.84°
Mean	831.16	100.00	27.32	43.43°

Twelve principal causes of death, by month, 1911.

Diseases	January	February	March	April	May	June	July	August	September	October	November	December	Sex		Total
													M.	F.	
Diarrheal diseases	87	57	101	96	99	309	806	373	239	125	67	71	1270	1160	2430
Phthisis	57	48	71	68	75	66	59	67	62	39	53	72	340	397	737
Infantile debility	54	45	74	92	55	60	82	61	59	54	48	31	398	317	715
Diseases of heart	51	37	34	41	39	21	29	28	39	33	29	33	188	226	414
Pneumonia	56	48	48	48	41	19	11	7	23	23	31	49	201	203	404
Broncho-pneumonia	55	46	45	40	38	16	12	12	14	21	27	39	188	177	365
Cancers	22	32	24	23	31	23	30	23	23	31	21	26	129	180	309
Bright's disease	19	23	34	23	28	25	30	23	18	29	22	29	150	153	303
Simple meningitis	32	22	22	17	28	24	34	26	22	20	14	9	140	130	270
Hemorrhage of the brain	22	14	18	19	13	18	15	15	12	16	17	14	93	100	193
Diphtheria	22	13	16	4	8	7	4	7	6	13	12	21	61	72	133
Typhoid fever	5	6	10	8	11	8	9	7	18	16	10	16	74	50	124

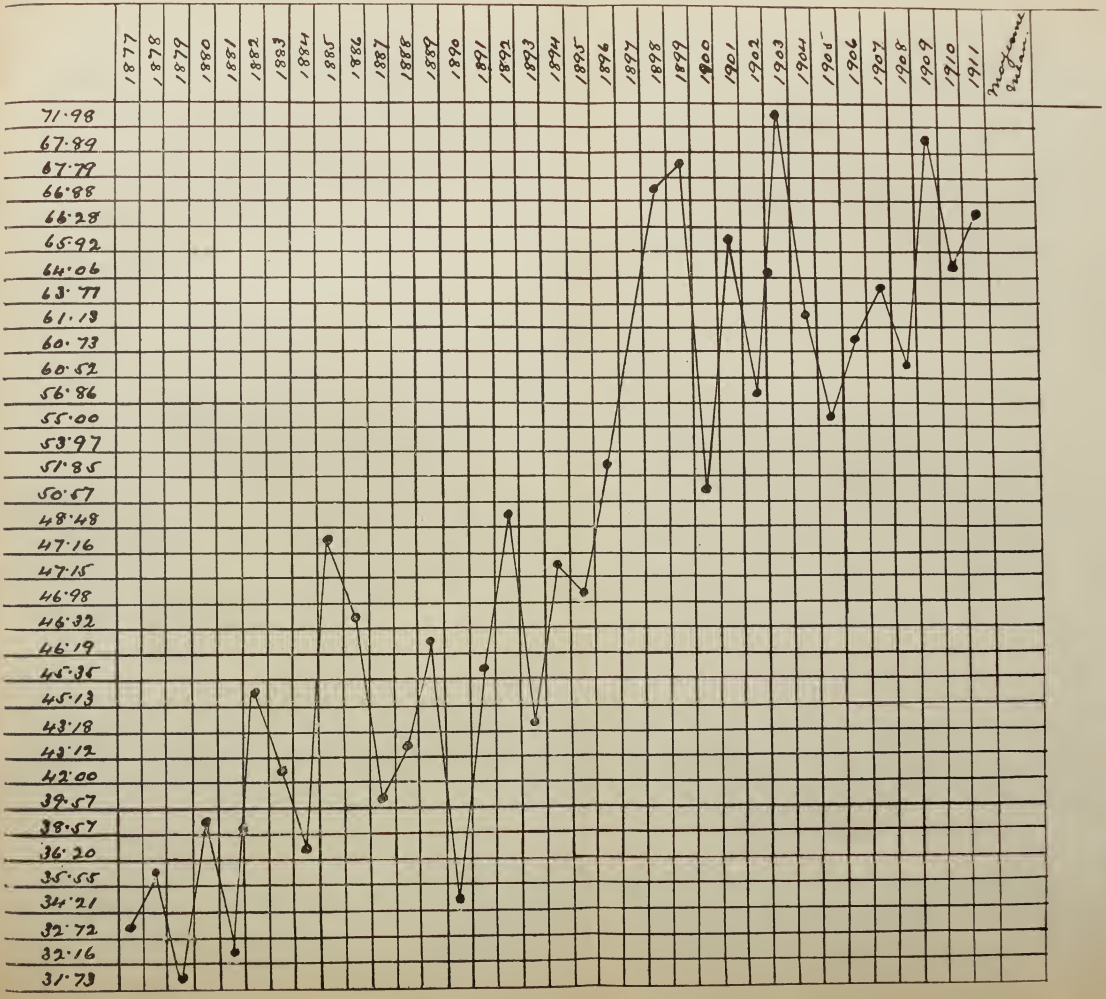
Deaths from certain diseases since the year 1876.

Diseases	1876	1877	1878	1879	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	1890
Small-pox	703	506	728	472	140	5	...	.....	.....	3164	70	.....	.....	.....	.....
Measles	6	58	2	5	78	12	18	33	17	142	11	74	37	108	65
Scarlatina	43	38	29	22	43	47	54	30	16	42	22	10	9	19	16
Diphtheria	122	318	201	124	100	163	163	155	285	306	237	488	427	200	170
Typhoid fever	104	104	69	63	67	103	105	104	88	77	79	101	94	72	62
Dyssentery	38	45	24	28	22	35	28	22	26	18	24	25	43	31	19
Diarrhea	294	348	159	348	279	287	397	273	349	256	266	409	392	476	328
Cholera infantum	240	199	176	105	153	161	134	190	255	185	247	306	305	298	326
Cancers	.....	44	43	43	54	46	65	63	.....	.....	85	75	87	97	74
Pulmonary phthisis	413	450	410	379	431	413	440	431	467	412	484	470	539	520	550

Deaths from certain diseases since the year 1876. — *Continued.*

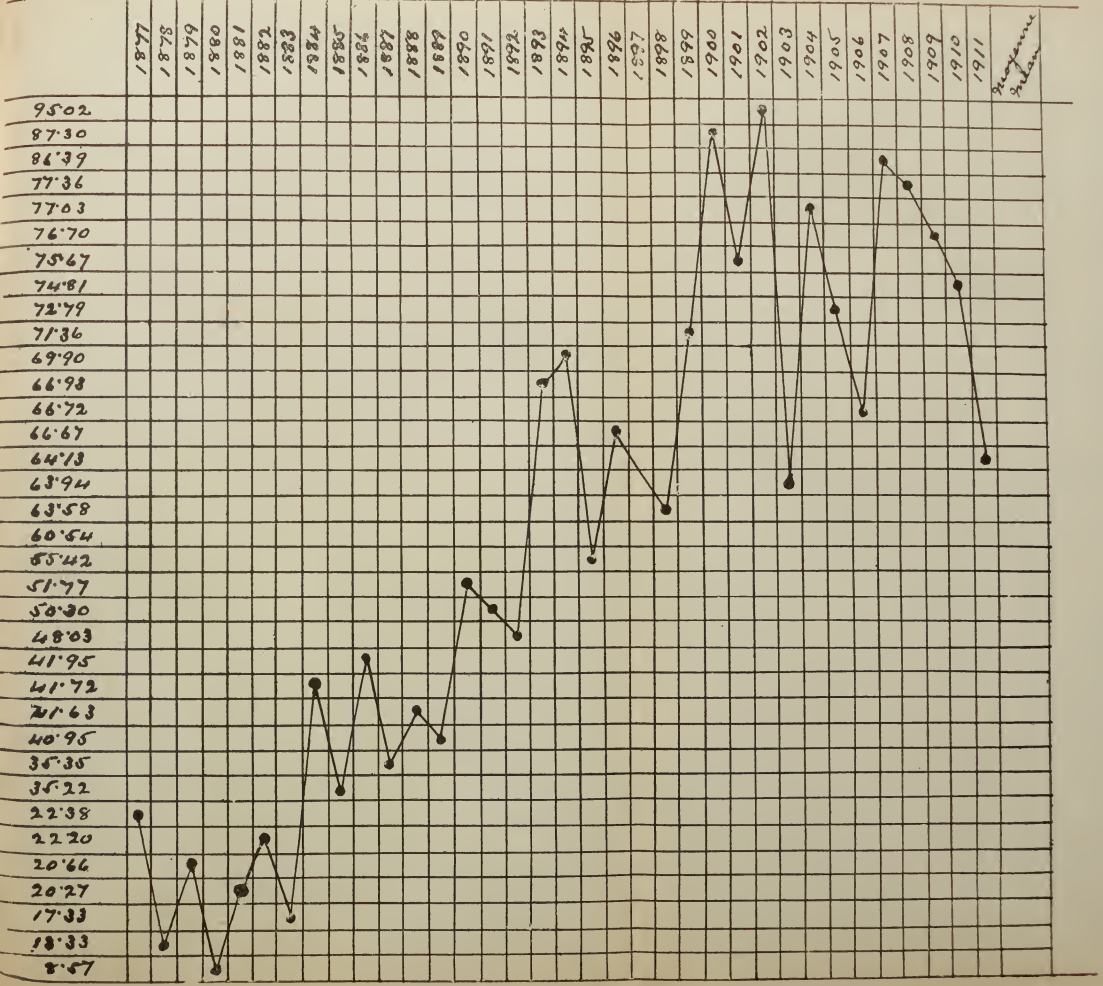
Diseases	1891	1892	1893	1894	1895	1896	1897	1898	1899	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	1910	1911
Small-pox	....	....	....	....	....	....	12	2	....	10	2	10	2	1	....	....	....	.....	....	.....	....
Measles	55	33	53	34	24	39	71	13	44	69	60	78	77	43	82	69	69	58	75	155	74
Scarlatina	10	14	193	49	61	39	17	21	52	182	245	61	24	10	11	3	17	81	114	118	76
Diphtheria	78	54	62	99	275	249	217	145	183	117	83	57	89	122	94	126	71	128	111	136	133
Typhoid fever	65	50	48	42	44	46	62	63	48	123	130	86	90	94	55	130	122	126	212	192	124
Dyssentery	15	18	16	16	21	18	20	16	13	14	25	10	13	10	15	19	10	1801	1896	2068	2430
Diarrhea	423	393	407	478	415	357	347	304	457	439	383	347	1152	1286	1559	1764	1550				
Cholera infantum	424	300	401	371	333	217	334	254	280	264	206	105									
Cancers	99	109	100	114	117	133	....	182	190	146	196	158	206	180	167	213	234	230	267	292	309
Pulmonary phthisi	515	532	565	565	559	607	752	591	756	692	647	664	633	384	554	631	663	711	645	785	737

Deaths from cancers, per 100,000 of the population, during the last 34 years (1897 not included).

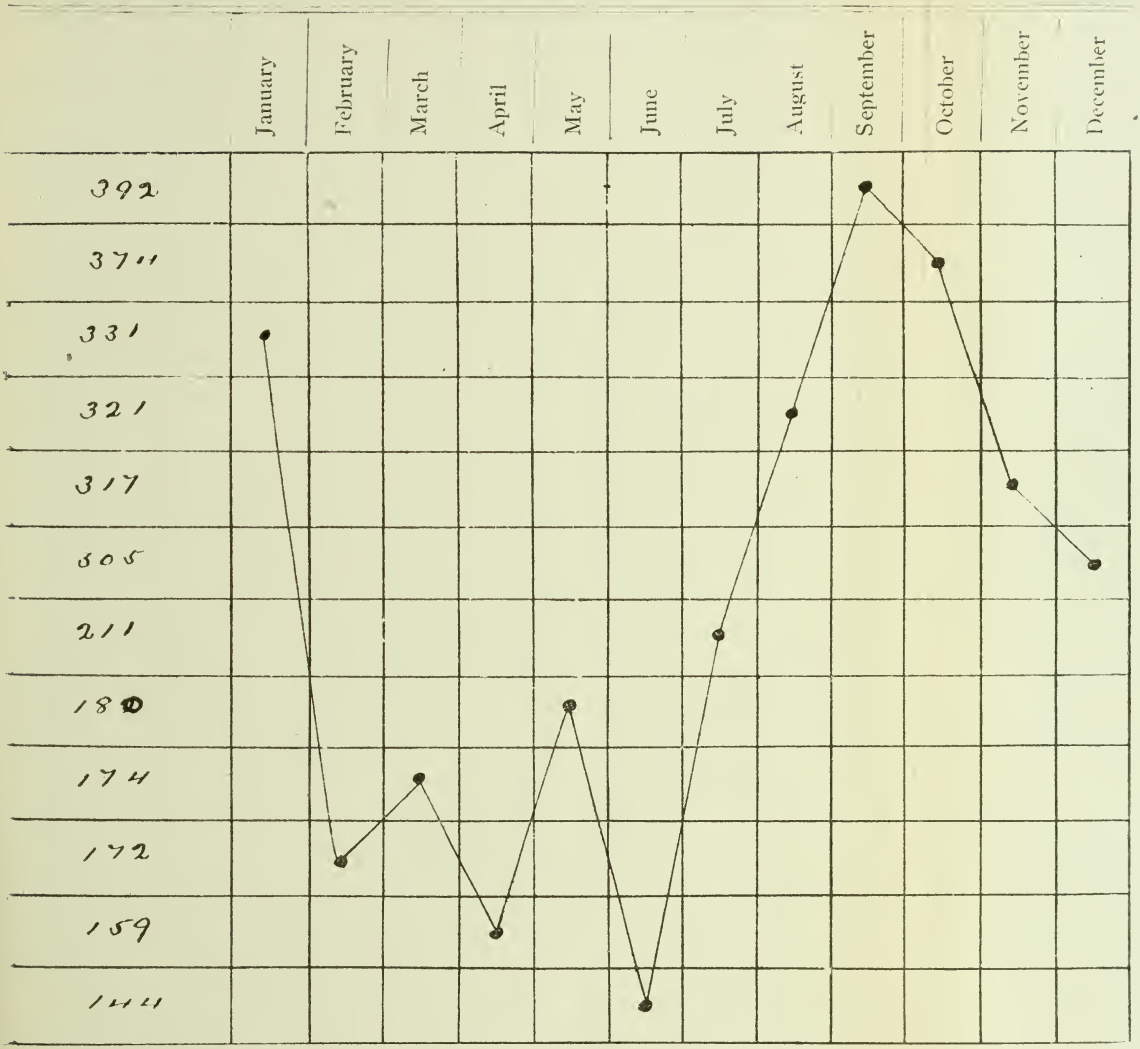


95·02
87·30
86·39
77·36
77·03
76·70
75·67
74·81
72·79
71·36
69·90
66·98
66·72
66·67
64·13
63·94
63·58
60·54
55·42
51·77
50·30
48·03
41·95
41·72
41·63
40·95
35·35
35·22
22·38
22·20
20·66
20·27
17·33
13·33
8·57

Deaths from Bright's disease, per 100,000 of the population, during the last 34 years (1897 not included).



Deaths from typhoid fever, by months, during the last 34 years.
(Total deaths: 3,080.)



Deaths from phthisis, according to nationalities, 1911.

Nationalities	Sexe		Total
	M.	F.	
French-Canadian	206	283	489
Irish	43	41	84
English	41	31	72
Scotch	17	14	31
Jewish	5	7	12
French	6	5	11
Italian	5	2	7
Austrian	6	1	7
Swede	.....	3	3
Russian	2	1	3
Chinese	3	.....	3
United States	.....	2	2
Belgian	1	1	2
Pole	1	1	2
Welsh	.....	1	1
German	.....	1	1
Swiss	.....	1	1
Greek	1	.....	1
Finn	1	.....	1
Syrian	1	.....	1
Hindu	1	.....	1
Unknown	.....	2	2
Total	340	397	737

Deaths of strangers, 1911.

MONTH	French-Canadian		Other Catholics		Protestants		Jews		Unknown		Sex		Total
	M	F.	M	F.	M.	F.	M.	F.	M.	F.	M.	F.	
January	13	6	2	...	11	7	1	...	...	...	27	13	40
February	13	6	...	...	7	2	2	...	...	...	22	8	30
March	12	7	6	1	14	6	...	1	...	...	32	15	47
April	13	5	2	4	12	6	...	...	...	...	27	15	42
May	11	5	5	1	12	4	1	...	1	...	30	10	40
June	17	10	3	1	12	5	...	...	...	...	32	16	48
July	7	9	4	2	19	7	1	1	2	...	33	19	52
August	11	5	3	5	12	5	1	...	2	...	29	15	44
September	11	7	5	1	15	3	...	...	2	...	33	11	44
October	11	7	2	...	12	1	...	...	...	...	25	8	33
November	14	10	4	1	9	3	...	1	...	...	27	15	42
December	7	9	1	3	10	2	...	...	...	...	18	14	32
Total	140	86	37	19	145	51	6	3	7	...	335	159	494

Number of permits issued for the removal out of the city of the bodies of persons dying in the city.

Males	456
Females	411
Total	867

Meteorological Abstract for the year 1911.

Observations made at McGill College Observatory, Montreal, Canada. Height above sea level 187 feet.
Longitude W. 4h. 54m. 18.57s. Latitude N. 45° 30° 17'. C. H. McLeod, *Superintendent.*

MONTH	Thermometer					Barometer				Mean relative humidity	Wind		Per cent possible sunshine	Precipitation						
	Mean	Deviation from 36 years means	Maximum	Minimum	Mean daily range	Mean	Maximum	Minimum	Mean daily range		Resultant direction	Mean velocity in miles per hour		Inches of rain	Number of days on which rain (or sleet) fell	Inches of snow	Number of days on which snow fell	Inches of rain and melted snow	Number of days on which rain and snow fell	Number of days on which rain or snow fell
January	11.89	−0.72	42.7	−11.9	19.15	30.100	30.64	28.97	.382	84.5	S.46° O.	12.79	24.04	0.39	6	17.0	18	2.45	3	21
February	12.69	−2.31	43.3	−8.1	14.59	30.111	30.22	29.45	.301	82.9	S.79° O.	15.16	25.30	0.13	2	31.6	16	2.92	1	17
March	23.43	−1.72	45.3	−3.7	14.65	29.938	30.71	28.95	.358	81.4	S.43° O.	16.49	36 98	0.35	5	32.3	18	3.92	4	19
April	40.28	−0.40	78.3	8.1	15.49	30.105	30.73	29.36	.231	63.8	S.37° O	13.64	57.72	0.65	7	4.2	4	1.23	2	9
May	62.53	7.68	88.7	27.7	19.08	29.952	30.45	29.24	.199	60.4	.....	.....	56.59	2.64	12	.....	2	2.64	1	13
June	65.01	0.33	83.3	50.4	16.44	29.898	30.25	29.46	.140	62.5	.....	.....	53.59	4.37	16	.....	.....	4.37	.....	16
July	72.57	3.57	94.5	55.6	17.38	29.921	30.26	29.40	.166	56.3	.....	.....	75.00	2.17	13	.....	.....	2.17	.....	13
August	69.22	2.64	89.8	47.4	16.03	29.966	30.37	29.59	.155	57.5	.....	.....	68.86	3.73	13	.....	.....	3.73	.....	13
September	56.31	2.22	74.3	34.3	.05	30.031	30.40	29.39	.255	61.4	.....	.....	61.06	4.27	16	.....	2	4.27	2	16
October	47.61	1.50	65.9	26.8	13.12	30.054	30.48	29.29	.239	59.3	.....	.....	46.44	2.12	10	1.5	2	2.30	1	11
November	31.81	0.87	61.6	10.0	11.51	29.920	30.43	29.09	.347	67.4	.....	.....	27 97	2.36	8	8.9	15	3.26	4	19
December	27.84	8.95	53.0	1.0	9.74	30.059	30.56	29.24	.267	74.1	.....	.....	26.20	2.75	9	12.8	10	4.38	3	16
Sums for 1911	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	25.93	117	108.8	87	37.64	21	183
Means for 1911	43.43	1.37	.....	.....	.....	39.008	.....	.....	.....	67.6	.....	.....	46.65	.....	.....	.....	.....	.....	.....	.....
Means for 37 years ending Dec. 31st, 1911	42.06	.....	.....	.....	.....	29.980	.....	.....	.....	75.3	.....	.....	44.28	28.73	.....	121.2	.....	41.28	.....	.....

The greatest heat was 94 5 (Fah.) above zero on July 3rd ; the greatest cold was 11.9 below zero on January 15th. The extreme range of temperature was therefore 106.4 degrees. Greatest thermometer range in one day was 36.2 on January 21st ; least range was 2.7 on December 6th. Warmest day was July 3rd, when the mean temperature was 84.3 above zero. The coldest day was January 16th, when the mean temperature was 6.6 degrees below zero. The minimum relative humidity observed was 20 on April 24th. Lunar halos were observed on 6 nights. Auroras on 3 nights. Fog on 12 nights. Thunderstorms on 21 days. Total number of thunder storms 26. The first sleighing of the winter in the City was on November 26th. The first appreciable snow fall of the Winter was on October 28th. First trace of snow was on September 25th.

Deaths from all causes in the City of Montreal, 1911.

	Total	Total Sex M.	Total Sex F	January M.	January F.	February M.	February F.	March M.	March F.	April M.	April F.	May M.	May F.	June M.	June F.	July M.	July F.	August M.	August F.	September M.	September F.	October M.	October F.	November M.	November F.	December M.	December F.
1. Typhoid fever	124	74	50	3	2	4	2	5	5	2	6	9	2	3	5	4	5	5	2	15	3	9	7	5	5	10	6
2. Typhus	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
3. Remittant fever	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
4. Intermittent fever	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
5. Small-pox	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
6. Measles	74	37	37	13	24	13	4	6	5	2	2	2	1	....	....	1	....	....	....	....	....	....	....	....	1	....	....
7. Scarlatina	76	33	43	4	4	4	6	12	5	4	4	1	5	2	6	1	4	1	1	....	....	1	3	1	1	2	4
8. Whooping cough	73	33	40	4	2	2	5	3	3	4	1	1	5	1	3	2	3	4	5	2	2	4	2	2	6	4	3
9. Diphtheria and croup	133	61	72	6	16	5	8	9	7	3	1	3	5	2	5	3	1	2	5	4	2	9	4	3	9	12	9
10. Grippe	54	24	30	6	6	4	6	3	6	2	3	1	2	1	....	....	....	....	....	1	2	1	1	2	1	3	3
11. Miliary fever	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
12. Asiatic cholera	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
13. Cholera-nostras	4	2	2	....	....	....	....	....	....	....	....	....	....	1	....	....	2	1	....	....	....	....	....	....	....	....	....	....
14. Dysentery	4	3	1	....	....	....	....	....	....	....	....	....	....	1	....	2	....	....	1	....	....	....	....	....	....	....	....	....
15. Plague	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
16. Yellow fever	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
17. Leprosy	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
18. Erysipelas	24	11	13	2	1	1	1	1	3	1	1	3	....	....	1	....	1	1	1	....	1	1	....	....	2	1	1
A. Mumps	6	3	3	....	....	....	....	....	1	1	1	2	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1
B. Varicella	1	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1
C. Others	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
19. Other epidemic diseases	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
20. Septicemia	35	17	18	2	2	....	1	....	4	1	1	3	3	2	3	2	....	1	1	....	....	....	1	5	1	1	1
21. Glanders, farcy	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
22. Malignant pustule, charbon	4	4	....	2	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....
23. Rabies	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
24. Actinomycosis, trichinosis	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
25. Pellagra	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
26. Tuberculosis of the larynx	14	8	6	....	....	1	....	....	1	....	1	1	....	1	....	....	2	1	2	1	....	....	1	1	....	....	1
27. Tuberculosis of the lungs	737	340	397	27	3[illegible]	23	25	39	32	26	42	34	41	31	35	23	36	27	40	33	29	16	23	26	27	35	37
28. Tuberculosis of the meninges	76	41	35	4	4	2	1	4	6	4	6	4	2	1	1	1	2	5	2	5	4	3	4	3	2	5	1
29 Tuberculosis, abdominal	41	18	23	1	1	2	....	4	4	1	1	....	5	1	....	2	2	1	1	3	....	2	5	....	3	1	1
30. Pott's disease	4	3	1	....	1	....	....	1	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	1	....
31. Tuberculous abscess	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
32. White swellings	3	1	2	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	1	....	....
33. Tuberculosis of other organs	24	17	7	2	....	....	....	4	1	1	2	1	....	2	1	1	1	2	1	2	....	....	....	1	....	1	1
34. Generalised tuberculosis	13	3	10	....	....	....	....	....	3	2	....	....	2	....	....	....	....	....	2	....	1	....	....	1	1	....	1
35. Scrofula	2	1	1	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1
36. A. Syphilis, hereditary	55	31	24	3	1	3	1	3	2	4	....	2	1	3	4	7	5	2	1	2	4	2	2	....	2	....	1
B. Syphilis acquired	5	2	3	1	....	....	1	....	....	....	....	....	....	....	1	....	....	....	....	....	....	1	....	....	....	....	1
37. Blennorrhagia in the adult	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
38. Gonococcic affections of the child	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
39. Cancer, malignant tumors of the buccal cavity	11	11	....	1	....	2	....	....	....	....	....	....	....	1	....	2	....	....	....	1	....	....	....	2	....	2	....

Deaths from all causes, 1911. — *Continued.*

	Total	Total Sex		January		February		March		April		May		June		July		August		September		October		November		December	
	Total	M.	F.	M.	F.	M.	F.	M	F.	M.	F.	M.	F.	M	F	M	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
40. Cancers, malignant tumor stomach and liver	112	54	58	4	3	3	9	6	2	4	4	7	2	6	5	7	4	3	4	2	6	5	6	3	4	4	9
41. Cancers, malignant tumors peritoneum and intestines	47	19	28	2	....	2	5	2	1	1	2	3	4	....	....	2	2	3	3	....	2	....	6	2	2	2	1
42. Cancers, malignant tumors of the female genital organs	48	....	48	....	6	....	5	....	4	....	2	....	6	....	4	....	6	....	5	....	3	....	3	....	2	....	2
43. Cancers, malignant tumors of the breast	17	....	17	....	1	....	1	....	....	....	1	....	1	....	3	....	2	....	....	....	2	....	3	....	1	....	2
44. Cancers, malig. tum. of the skin	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
45. Cancers, malignant tumors of other organs	74	45	29	5	....	4	1	9	....	9	....	4	4	1	3	3	2	....	5	3	4	4	4	2	3	1	3
46. Other tumors	7	2	5	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	1	....	....	1	1	1	1	....	1
47. Rheumatism, acute articular	45	29	16	6	2	2	3	4	2	3	..	3	1	2	1	2	2	1	....	2	1	....	3	2	1	2	....
48. Rheumatism, chronic and gout	10	2	8	....	2	....	....	....	1	....	....	....	....	....	....	....	....	....	1	....	2	....	....	1	....	1	2
49. Scurvy	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
50. Diabetes	51	29	22	1	2	4	1	1	1	3	1	5	3	2	3	4	3	1	3	2	2	2	1	3	....	1	2
51. Exophthalmic goitre	14	....	14	....	1	....	....	....	4	....	1	....	....	....	1	....	1	....	....		....	....	4	....	2	....	....
52. Addison's disease	1	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....
53. Leukemia	2	....	2	1	....	....	....	....	....	....	....	....	..	....		....	....	....	....	1	....	....	....	....	....	....	....
54. Anemia, chlorosis	24	8	16	....	....	....	1	1	....	....	2	2	3	3	2	..	1	2	....	....	1	....	2	....	2	....	2
55. Other general diseases	3	1	2	1	....	....	..	....	....	.	....	....	....	....	....	....	....	....	1	....	....	....	1	....	....	....	....
56. Alcoholism, acute or chronic	32	25	7	1	....	2	2	1	....	2	....	1	1	....	1	4	....	3	....	1	....	3	2	4	....	3	1
57. Saturnism	6	6	....	....	....	1	....	....	....	..	....	1	..	2	....	1	....	....	..	....	....	1	....	....	....	....	....
58. Other chronic poisoning (occupational)	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	..	....	....	....	....	....	....	....	....
59. Other chronic poisonings	2	2	....	1	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
60. Encephalitis	10	4	6	..	....	1	....	1	..	....	3	1	....	....	1	....	1	....	....	....	....	....	..	....	....	1	1
61. Simple meningitis	270	140	130	16	16	11	11	13	9	9	8	12	16	15	9	18	16	16	10	11	11	8	12	7	7	4	5
61. *bis*—Epidemic cerebro-spinal meningitis	23	12	11	2	1	....	1	2	1	....	2	2	....	1	1	1	2	2	....	1	....	....	....	....	1	1	2
62. Locomotor ataxia	6	5	1	....	....	....	....	2	....	1	....	....	1	....	....	1	....	1	....	....	....	....	....	....	....	....	....
63. Other diseases of the spinal cord	17	7	10	....	1	....	....	2	1	1	1	....	1	....	1	....	....	2	....	....	2	1	....	1	2	....	1
64. Congestion and hemorrhage of the brain	193	93	100	12	10	7	7	7	11	9	10	5	8	9	9	7	8	6	9	5	7	8	8	9	8	9	5
64. *bis*—Congestion in infants	18	12	6	....	..	1	3	1	....	3	....	....	1	1	....	....	....	1	1	2	1	....	....	3	....	....	....
65. Softening of the brain	14	8	6	3	2	....	....	2	1	1	1	....	....	....	....	1	....	....	....	....	....	....	1	....	....	1	1
66. Paralysis without specified cause	86	35	51	1	4	2	7	3	5	....	4	4	4	3	4	9	4	1	4	5	2	3	2	1	7	3	4
67. General paralysis	50	34	16	4	3	3	1	4	2	4	....	2	1	3	2	1	2	4	2	....	1	5	1	2	.	2	1
68. Other forms of mental alienation	11	4	7	....	2	....	1	....	1	1	....	....	1	....	1	....	....	..	....	....	1	3	....	....	....	....	....
69. Epilepsy	16	11	5	....	2	....	....	....	....	1	1	5	1	1	....	....	....	1	....	1	1	1	....	1	....	....	....
70. Convulsions (non puerperal)	1	....	1	..	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....
71. Convulsions (under 5 years)	107	63	44	9	4	6	5	5	6	5	2	9	6	5	4	8	6	6	1	2	3	1	5	5	....	2	2
72. Tetanos	4	4	....	....	....	1	....	....	....	....	....	....	....	....	....	....	..	1	....	1	....	....	....	1	....	....	....

Deaths from all causes, 1911. — *Continued.*

	Total	Total Sex		January		February		March		April		May		June		July		August		September		October		November		December	
	Total	M.	F.	M	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M	F.	M.	F.	M.	F.
73. Chorea	1	1	.	....	..	..	...	....	....	...	..	....	..	....	....	....	....	...	....	..	....	..	...	1	....	..	...
A. Hysteria	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
B. Neuralgia	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
C. Others	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
74. Other diseases of the nervous system	13	8	5	...	1	2	...	2	2	...	....	1	...	2	...	....	....	....	....	1	2	....	...	....	....	....	....
75. Diseases of the eye and its adnexa	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
76. Diseases of the ear	14	8	6	...	....	1	1	1	...	...	2	1	....	1	..	2	1	1	...	1	....	....	....	....	2	...	....
77. Pericarditis	7	3	4	....	..	1	1	...	....	1	1	1	....	...	1	....	....	...	1	..	....	..	...	....	2	..	....
78. Acute endocarditis	9	3	6	....	1	1	...	....	....	1	....	..	...	....	....	...	1	...	2	....	....	....	1	....	1	1	....
79. Organic diseases of the heart	414	188	226	25	26	17	20	16	18	16	25	13	26	11	10	17	12	14	14	21	18	14	19	14	15	10	23
80. Angina pectoris	17	9	8	1	1	1	...	..	1	1	2	1	1	1	1	....	1	1	1	1	...	....	....	...	....	2	....
81. Diseases of the arteries, atheroma aneurism, etc.	78	48	30	4	4	5	4	7	2	2	2	2	....	4	3	3	3	3	3	5	2	5	2	2	2	6	3
82. Embolism and thrombosis	35	13	22	....	3	3	...	3	1	..	3	..	4	....	1	....	3	1	3	....	1	2	1	3	...	1	2
83. Diseases of the veins (hemorrhoids, etc.)	5	1	4	..	....	..	....	..	....	....	1	....	1	....	1	....	....	....	....	1	....	....	1	....	....	....	....
84. Diseases of the lymphatic system	2	2	....	...	....	..	....	1	..	...	....	..	....	..	....	....	....	....	....	....	....	....	....	1	....	....	...
85. Hemorrhages	30	12	18	1	1	2	1	1	5	2	3	....	...	1	2	....	2	2	....	....	1	...	1	2	....	1	2
86. Other diseases of the circulatory systems	2	1	1	....	..	1	1	..	....	....	..	....	..	..	....	....	....	....	....	....	....	.	...	..	....	....	....
87. Diseases of the nasal fossae	2	1	1	..	1	....	....	..	....	....	....	1	..	..	..	....	....	....	....	....	....	....	....	....	....	....	....
88. Diseases of the larynx	18	12	6	2	...	3	....	1	2	1	1	1	.	....	..		....	....	....	1	....	2	1	..	1	1	1
89. Diseases of the thyroid body	2	....	2	..	..	..	1	..	....	..	.	..	....	....	....	....	....	....	....	....	1	....	....	....	....	..	....
90. Acute bronchitis	142	69	73	14	10	9	15	4	11	11	11	6	8	2	3	2	2	1	....	4	....	2	2	4	4	10	7
91. Chronic bronchitis	37	19	18	3	2	2	4	2	2	2	2	..	1	....	2	2	....	5	1	1	....	1	3	...	1	1	..
92. Broncho-pneumonia	365	188	177	28	27	32	14	22	23	22	18	16	22	7	9	6	6	7	5	6	8	11	10	15	12	16	23
93. Pneumonia	404	201	203	25	31	16	32	27	21	24	24	23	18	12	7	5	6	5	2	15	8	9	14	18	13	22	27
94. Pleurisy	24	10	14		..	3	1	1	3	1	2	...	2	....	..	....	1	2	....	1	1	.	..	1	2	1	2
95. Congestion and apoplexy of the lungs	94	44	50	7	8	5	6	2	5	4	7	7	3	1	2	3	1	3	2	1	2	5	4	3	4	3	6
96. Gangrene of the lungs	3	2	1	1	....	..	....	....	....		....	....	..	..	1	....	....	....	....	1	....	....	....	....	....	....	....
97. Asthma	6	5	1	4	1	1	.	..	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
98. Pulmonary emphysema	7	3	4	1	....	...	....	..	1	....	....	1	..	1	....	....	....	....	....	....	....	....	1	....	....	....	2
99 Other diseases of the respiratory system	4	3	1	.	....	....	....	....	....	....	....	..	....	..	1	....	....	....	....	2	....	..	....	....	....	1	....
100. Diseases of the mouth and adnexa	1	1	....	..	..	....	....	....	....	..	....	....	....	..	....	....	....	....	....	....	....	....	....	1	...	....	....
101. Diseases of the pharynx	8	5	3	1	...	.	...	....	....	2	....	....	....	....	....	....	....	....	1	....	....	1	1	1	1	....	....
102. Diseases of the oesophagus	1	..	1	....	....	....	....	..	..	....	..	..	....	....	....	....	....	....	....	....	1	..	....	....	....	....	....
103. Ulcer of the stomach	10	4	6	1	2	....	....	1	....	....	1	....	....	1	....	....	1	....	1	....	....	1	....	....	1	....	....
104 Others diseases of the stomach (non-cancerous)	82	44	38	6	2	...	1	4	3	3	3	5	5	7	3	3	6	1	3	4	2	2	2	4	6	5	2
105. Diarrhea and enteritis (under 2 years)	2123	1111	1012	38	32	24	14	37	36	41	40	45	37	147	122	383	369	165	171	104	97	54	52	36	16	37	26
105 *bis*—Chronic	173	91	82	5	4	7	2	13	5	1	5	5	4	10	18	13	7	10	18	16	9	3	7	4	2	4	1
106. Diarrhea and enteritis (over two years)	126	63	63	5	3	7	3	2	8	4	5	4	4	4	6	15	15	4	3	9	4	4	5	4	4	....	3

Deaths from all causes, 1911. — *Continued.*

	Total	Total Sex		January		February		March		April		May		June		July		August		September		October		November		December	
	Total	M.	F.	M	F.	M.	F.	M.	F.	M.	F	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
107. Intestinal parasites	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
108. Hernia and intestinal obstructions	46	27	19	4	....	2	....	3	2	....	1	2	2	4	1	4	2	....	2	4	2	1	3	1	1	2	3
109. Other diseases of the intestines	8	8	....	2	..	....	....	1	....	1	....	1	..	....	....	1	....	..	....	1	....	....	....	1	....	....	....
110. Acute yellow atrophy of the liver	2	1	1	....	..	....	....	..	....	....	....	..	....	1	..	....	....	....	1	....	....	....	....	....	....	....	....
111. Hydatid tumors of the liver	1	1	....	....	..	....	....	....	....	....	....	....	....	....	..	....	....	....	....	1	....	....	....	....	....	....	....
112. Cirrhosis of the liver	49	30	19	2	4	4	1	4	....	..	2	2	2	2	.	1	1	2	3	1	2	5	....	4	2	3	2
113. Biliary calculi	13	3	10	....	..	..	....	....	....	1	1	....	....	....	1	1	2	....	1	1	....	....	1	....	3	....	1
114. Other diseases of the liver	30	11	19	2	3	....	2	1	1	1	1	....	2	1	1	2	2	....	2	1	2	....	....	1	2	2	1
115. Diseases of the spleen	3	1	2	....	1	....	....	1	....	....	....	....	....	..	....	....	....	....	....	....	1	....	....	....	....	....	....
116. Simple peritonitis	36	13	23	1	3	....	1	3	....	2	3	....	2	....	1	3	5	....	3	....	2	....	2	2	....	2	1
117. Other diseases of the digestive system	5	1	4	....	....	..	....	....	3	....	....	..	....	....	1	1	....	....	....	....	....	....	....	....	....	....	....
118. Appendicitis and abcess of the iliac fossa	39	25	14	1	1	2	....	1	2	4	1	2	2	5	....	2	2	3	1	....	....	3	....	1	4	1	1
119. Acute nephritis	55	34	21	2	2	5	2	4	1	5	....	1	1	3	1	1	2	3	2	3	5	1	....	1	2	5	3
120. Bright's disease	303	150	153	9	10	14	9	11	23	12	11	18	10	11	14	17	13	8	15	7	11	14	15	13	9	16	13
121. Other diseases of the kidneys and their adnexa	6	2	4	....	....	....	....	1	....	....	1	....	....	....	....	....	....	1	2	....	1	....	..	....	....	....	....
122. Urinary calculi	4	4	....	....	....	1	....	....	....	1	....	....	.	....	....	1	....	1	....	....	....	....	....	....	....	....	....
123. Diseases of the bladder	12	11	1	....	....	....	....	1	...	1	....	2	1	1	....	3	...	....	....	2	.	....	....	..	....	1	....
124. Diseases of the urethra, urinary abcess, etc.	1	1	....	..	....	....	....	....	....	....	....	..	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....
125. Diseases of the prostate	14	14	....	2	...	1	..	1	....	....	....	1	....	..	....	....	....	2	....	....	..	1	....	3	...	3	..
126. Non venereal diseases of the male genital organs	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
127. Metritis	1	....	1	....	....	....	..	....	....	....	....	....	...	....	....	....	....	....	....	....	....	....	1	...	...	....	....
128. Uterine hemorrhage (non puerperal)	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
129. Uterine tumor (non cancerous)	4	....	4	....	....		....	....	2	....	2	....	....	....	....	....	....	....	....	....	..	....	....	....	....	....	....
130. Other diseases of the uterus	1	....	1	....	....	....	1	....	....	..	...	....	....	....	....	....	....	....	....	....	....	..	....	....	..	....	....
131. Cysts and other tumors of the ovary	8		8	....	....	....	...	....	2	....	1	....	...	....	....	....	...	....	..	..	1	....	1	....	2	..		1
132. Other diseases of the female genital organs	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
133. Non puerperal diseases of the breast (non cancerous)	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
134. Accidents of pregnancy	8	..	8	....	1	...	2	....	2	....	....	....	1	....	1	....	....	....	1	....	..	....	....	....	....	....	....
135. Puerperal hemorrhage	5	....	5	...	.	....	....	....	1	..	1	....	1	....	....	....	....	....	1	....	1	....	....	....	....	....	....
136. Other accidents of labor	17	....	17	....	2	...	3	....	....	...	3	....	1	....	....	..	2	....	2	....	2	...	2	....	....	....	....
137. A. Puerperal septicemia	25	....	25	....	4	....	1	..	....	....	3	....	5	....	2	....	1	....	2	....	3	....	1	...	1	....	2
B. Puerperal phlebitis	1	....	1	....	....	....	1	...	...	.	...	....	....	....	....	....	....	....	....	....	....	....	..	....	....	....	....
C. Puerperal metroperitonitis	4	....	4	....	....	....	....	....	....	...	1	....	1	....	1	....	....	....	1	....	..	....	....	....	....	..	....
138. Puerperal albuminuria and convulsions	9	....	9	....	....	....	1	...	....	...	1	....	1	..	....	....	..	....	..	..	2	....	3	....	1	....	....
139. Phlegmasia alba dolens	1	....	1	....	....	....	....	....	....	...	....	....	...	....	1	....	....	....	....	....	....	....	....	....	....	....	....
140. Other puerperal accidents—Sudden death	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....

Deaths from all causes, 1911. — *Continued.*

	Total	Total Sex		January		February		March		April		May		June		July		August		September		October		November		December	
	Total	M.	F.	M.	F	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
141. Puerperal diseases of the breast	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
142. Gangrene	12	6	6	....	....	....	....	1	....	2	1	....	....	....	1	....	1	1	2	2	....	....	1	....	....	....	....
143. Carbuncle, furuncle	12	6	6	1	....	....	....	....	....	....	1	....	....	....	....	5	5	....	....	....	....	....	....	....	....	....	....
144. Acute abscess, phlegmon	19	8	11	2	1	2	3	....	....	1	3	3	1	....	2	....	1	....	....	....	....	....	....	....	....	....	....
145. Other diseases of the skin and its adnexa	9	5	4	1	....	2	....	....	....	....	2	....	2	....	....	1	....	....	....	....	....	1	....	....	....	....	....
146. Non tuberculous diseases of the bones	17	8	9	3	....	....	....	1	1	....	1	....	....	....	2	2	....	....	....	....	....	....	1	1	2	1	2
147. Arthritis and other diseases of the joints (tuberculosis and rheumatism excepted)	1	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....
148. Amputation	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
149. Other diseases of the organs of locomotion	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
150. Malformations																											
A. Hydrocephalus	6	4	2	....	....	....	....	1	....	....	....	1	1	....	....	1	....	1	....	....	....	....	....	....	....	....	1
B. Others	52	31	21	3	2	2	2	4	1	3	1	5	2	2	5	2	....	2	2	1	1	2	1	....	....	5	4
151. A. General debility from premature birth	295	151	144	18	12	15	13	15	13	11	12	14	21	12	12	14	9	11	10	9	13	13	13	6	4	13	12
B. At full term having lived less than 24 hours	76	39	37	7	4	....	....	2	2	2	3	3	3	....	....	4	3	3	7	3	4	5	7	3	....	7	4
C. Other	1	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....
D. Icterus, sclerema, umbilical hemorrhage	30	19	11	2	1	1	....	3	1	2	2	3	1	....	....	....	....	4	....	2	3	1	....	1	1	....	2
152. Other diseases peculiar to early infancy	4	2	2	....	....	....	....	....	....	....	1	....	....	....	1	1	....	1	....	....	....	....	....	....	....	....	....
153. Lack of care	2	2	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....
154. Senile debility	284	113	171	8	23	6	13	12	15	13	13	12	12	17	14	10	12	10	17	8	15	6	11	4	13	7	13
155. Suicide by poison	6	3	3	1	....	....	....	....	1	1	....	....	1	....	....	....	....	....	....	1	1	....	....	....	....	....	....
156. Suicide by asphyxia	1	1	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
157. Suicide by hanging or strangulation	4	4	....	1	....	1	....	1	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....
158. Suicide by drowning	2	2	....	....	....	....	....	....	....	....	....	1	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....
159. Suicide by fire arms	1	1	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
160. Suicide by cutting instruments	7	6	1	....	....	1	....	....	....	....	....	1	....	....	....	....	....	2	....	1	....	1	....	....	1	....	....
161. Suicide by jumping from high places	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
162. Suicide by crushing	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
163. Other suicides	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
164. Fractures	100	86	14	3	....	8	3	6	....	3	....	9	1	10	3	8	2	14	....	7	2	6	2	5	1	7	....
165. A. Sprains	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
B. Dislocations	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
166. Other accidental traumatisms	43	34	9	1	1	....	1	3	....	1	1	2	1	7	1	4	2	6	....	2	....	2	2	2	....	4	....
167. Burns and scalds	48	14	34	1	3	1	3	2	5	1	4	....	2	1	....	....	4	2	4	1	2	3	3	....	2	2	2

Deaths from all causes, 1911. — *Continued.*

		Total Sex		January		February		March		April		May		June		July		August		September		October		November		December	
		Total	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M	F.	M.	F.
168.	Burns from corrosive substances	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
169.	Sunstroke	13	9	4	....	....	....	....	....	....	....	....	2	....	....	....	6	2	1	2	....	....	....	....	....	....	....	....
170.	Freezing	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
171.	Electric shock	4	4	....	....	....	....	....	....	....	....	....	....	....	1	....	1	....	1	....	....	....	1	....	....	....	....	....
172.	Accidental drowning	33	31	2	....	....	....	....	....	....	1	....	4	....	....	....	11	....	8	1	4	....	3	....	....	1	....	....
173.	Inanition																											
	A. Overwork	3	1	2	....	....	....	1	....	1	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....
	B. Starvation	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
174.	Absorption of deleterious gases (non suicidal)	11	5	6	....	....	3	4	....	1	....	1	....	....	....	....	....	....	....	....	1	1	....	....	....	....	....	....
175.	Other poisonings	12	7	5	....	....	....	....	....	1	1	....	1	....	1	....	2	2	....	1	1	1	....	....	....	....	1	....
176.	Other external violences	21	16	5	....	....	....	....	3	1	....	....	1	1	1	....	2	....	1	2	....	....	2	....	3	1	3	....
	A. Dystocia	71	46	25	1	3	3	2	4	3	5	3	3	1	4	1	3	....	3	2	7	4	8	2	2	2	3	2
	B. Homicide	8	6	2	1	....	....	1	....	....	....	....	....	....	....	....	....	....	1	....	1	....	....	....	2	1	1	....
	C. Capital punishment	1	1	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
177.	Dropsy	4	1	3	....	....	....	....	....	....	1	....	....	....	....	1	....	1	....	....	..	..	1	....	....	....	....	....
178.	Sudden death	114	82	32	4	2	8	1	13	5	5	3	11	1	5	5	2	4	6	....	4	3	10	3	8	4	6	1
179.	Unspecified or ill-defined causes of death:																											
	A. Dentition	7	4	3	1	1	....	....	..	..	....	1	....	....	....	1	....	....	....	..	2	....	1	....	....	....	....	....
	B. Infantile debility	715	398	317	29	25	23	22	45	29	59	33	32	23	26	34	46	36	30	31	36	23	37	17	15	33	20	11
	C. Adult debility	13	4	9	....	2	....	....	2	1	....	....	....	3	....	....	....	1	1	....	1	....	....	....	....	....	....	2
	D. Gastric trouble	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	E. Others	13	4	9	....	1	3	1	....	....	....	....	1	..	....	....	....	2	....	1	....	....	....	2	....	2	....	....
	Total	9974	5110	4864	435	428	369	340	459	409	396	394	407	385	435	421	738	681	462	478	420	366	342	340	295	287	352	335
	Grand total	....	...	....	863		709		868		790		792		856		1419		940		786		682		582		687	

INDEX.

	Pages
Bacteriological analyses for tubercle	54
Bacteriological analyses of milk	55
Bacteriological analyses (résumé)	56
Births and deaths (comparative table)	100
Births from the year 1887 to 1911	106
Births, marriages and deaths, general table	99
Births registered at the Tutelle Office	87
Births reported to the Board of Health and Statistics, by nationalities	97
Births reported to the Board of Health and Statistics, by wards	98
Births reported to the Board of Health and Statistics, general table	96
Contagious diseases, cases reported by age	72
Contagious diseases, cases reported by months	70
Contagious diseases, cases reported by nationalities	73
Contagious diseases, cases reported by wards	71
Deaths, births and marriages from the year 1872 et 1911	103
Deaths by ages	117
Deaths by ages and months	119
Deaths by months	125
Deaths by seasons	124
Deaths by wards	121
Deaths by wards and civil status	122
Deaths from certain contagious diseases (table)	126
Deaths from certain diseases from the year 1876 to 1911	127
Deaths, general classification of	131
Deaths of strangers	130
Hospitals, Alexandra (annual report)	61
Hospitals, St. Paul (annual report)	62
Illegitimate children, age of mothers	102

INDEX.—*Continued.*

Pages
Illegitimate children, deaths at the Grey Nuns Asylum. 108
Illegitimate children, deaths at the Maternity Asylum (Sisters of Mercy) 107
Illegitimate children, deaths in other institutions 109
Illegitimate children, deaths (general résumé) 111
Illegitimate children, deaths outside of institutions ... 110
Illegitimate children, general table of births 101
Illegitimate children, general review of deaths, etc. ... 116
Inspection of bread, bakeries, confectionaries, etc. ... 50
Inspection of dairies, farms, etc. 46
Inspection of factories, commercial establishments, (medical) 64
Inspection of factories, commercial establishments, (sanitary) 65
Inspection of food (general) 51
Inspection of meat, seizures, etc., at abattoirs 49
Inspection of meat, seizures, etc., at markets, etc. 48
Inspection of milk 45
Inspection of milk at farms and R.R. stations 47
Inspection of schools (pupils) ... ...
Inspection of schools (sanitary) 63
Marriage-rate from 1887 to 1911 105
Measles, cases reported, by months and wards 80
Meteorological observations for 1911 ... ...
Number of permits issued for the removal of bodies for interment outside city 130
Number of persons removed to reception house for contagious diseases 74
Prematurely born children (table of deaths) 112
Public baths, report of the sanitary engineer 34
Removal of night-soil ... ...
Repairs done to houses infected by contagious diseases. 82
Report of Dr. H. W. Coyle (examiner for contagious diseases) 60

INDEX.—*Continued.*

Pages

Report of Dr. J. E. Laberge (chief of contagious diseases department) 58
Report of Dr. P. G. Mount (City optician) 66
Report of Dr. Ward (statistician) 84
Report of the disinfectors 75
Report of the inspector of houses infected by contagious diseases 81
Report of the inspectors, sanitary (by months) ... ...
Report of the inspectors, medical (by months) ... ...
Report of the nurses, annual 68
Report of the nurses during the summer months 69
Report on investigations made at the request of the school authorities 67
Still-born children, general table 114
Table showing the number of privy-pits within the city limits ... ...
Tuberculosis, cases reported, by months and wards ... 78
Tuberculosis, cases reported, by nationalities ... ...
Tuberculosis, cases reported by the inspector 79
Tuberculosis, deaths, by nationalities 129
Twelve principal causes of death during the year ... 126
Typhoid fever, cases reported by the hospitals 76
Typhoid fever, cases reported, by months and wards ... 77
Work done by the sanitary inspectors ... ...

THE LIBRARY OF THE
JUN 29 1943
UNIVERSITY OF ILLINOIS

3 0112 105673278